APPENDIX I

LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/11/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0776

Revision No. 1.0

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

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Report Date: 05/11/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0776

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 28, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20D0776-01	SB09_0-2	Soil	04/28/2020	04/28/2020
20D0776-02	SB09_4-6	Soil	04/28/2020	04/28/2020
20D0776-03	SB09_13-15	Soil	04/28/2020	04/28/2020
20D0776-04	SB05_0-2	Soil	04/28/2020	04/28/2020
20D0776-05	SB05_6-8	Soil	04/28/2020	04/28/2020
20D0776-06	SB05_18-20	Soil	04/28/2020	04/28/2020
20D0776-07	SB08_0-2	Soil	04/28/2020	04/28/2020
20D0776-08	SB08_4-6	Soil	04/28/2020	04/28/2020
20D0776-09	SB08_13-15	Soil	04/28/2020	04/28/2020
20D0776-10	SOFB_042820	Water	04/28/2020	04/28/2020

General Notes for York Project (SDG) No.: 20D0776

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

Approved By: 

Date: 05/11/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.023	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:11	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0773**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.0906**		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0794**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.0604**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0625**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0843**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.162**		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0667**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0878**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.139**		mg/kg dry	0.0440	0.0879	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	04/30/2020 14:04	05/01/2020 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.4 %*	*24-116*

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:22	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*71.7 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*76.4 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:42	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*85.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6170**		mg/kg dry	5.29	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.59	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**35.7**		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1830**		mg/kg dry	5.29	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.4**		mg/kg dry	0.529	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.92**		mg/kg dry	0.423	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.0**		mg/kg dry	2.11	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12600**		mg/kg dry	26.4	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.8**		mg/kg dry	0.529	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3760**		mg/kg dry	5.29	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**265**		mg/kg dry	0.529	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**71.3**		mg/kg dry	1.06	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**907**		mg/kg dry	5.29	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**175**		mg/kg dry	52.9	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.6**		mg/kg dry	1.06	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**28.4**		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0320**		mg/kg dry	0.0317	1	EPA 7473	04/29/2020 11:30	04/29/2020 14:09	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.4**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.529	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.6		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.073	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0018	0.018	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 13:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0457**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	04/30/2020 14:04	05/01/2020 15:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*68.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*	*24-116*

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:39	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*79.4 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 14:55	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:16	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:16	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:16	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*78.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4400**		mg/kg dry	5.35	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.67	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.60	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**33.6**		mg/kg dry	2.67	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.321	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2060**		mg/kg dry	5.35	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.2**		mg/kg dry	0.535	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.21**		mg/kg dry	0.428	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.9**		mg/kg dry	2.14	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11600**		mg/kg dry	26.7	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**29.1**		mg/kg dry	0.535	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3930**		mg/kg dry	5.35	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**200**		mg/kg dry	0.535	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**69.9**		mg/kg dry	1.07	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**872**		mg/kg dry	5.35	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**169**		mg/kg dry	53.5	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.67	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.9**		mg/kg dry	1.07	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**30.1**		mg/kg dry	2.67	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.226**		mg/kg dry	0.0321	1	EPA 7473	04/29/2020 11:30	04/29/2020 14:18	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.535	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.2**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB09_13-15** **York Sample ID:** **20D0776-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0086**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.030**		mg/kg dry	0.0048	0.0095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.024	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*78.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*76.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.3 %*	*24-116*

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0374	5	EPA 8081B	04/30/2020 14:02	05/04/2020 15:56	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*72.1 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*79.7 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:09	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*58.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:26	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:26	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:26	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*74.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6110**		mg/kg dry	5.74	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.72	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**37.7**		mg/kg dry	2.87	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2040**		mg/kg dry	5.74	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**39.5**		mg/kg dry	0.574	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**14.7**		mg/kg dry	0.460	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.4**		mg/kg dry	2.30	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15000**		mg/kg dry	28.7	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**66.0**		mg/kg dry	0.574	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6890**		mg/kg dry	5.74	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**286**		mg/kg dry	0.574	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**209**		mg/kg dry	1.15	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**745**		mg/kg dry	5.74	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.87	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**139**		mg/kg dry	57.4	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.1**		mg/kg dry	1.15	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**24.2**		mg/kg dry	2.87	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0827**		mg/kg dry	0.0345	1	EPA 7473	04/29/2020 11:30	04/29/2020 14:27	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.574	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**39.5**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.574	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.0		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.025	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0834**	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0770**	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.550**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.637**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.635**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.512**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.553**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	**Benzyl butyl phthalate**	**0.142**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0445**	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.765**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.121**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.974**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.559**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.278**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.03**		mg/kg dry	0.0443	0.0884	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	04/30/2020 14:04	05/01/2020 16:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*53.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.9 %*	*24-116*

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00426**		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:12	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*82.0 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:23	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:37	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:37	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:37	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*56.8 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4430**		mg/kg dry	5.35	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.68	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.02**		mg/kg dry	1.61	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**207**		mg/kg dry	2.68	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.705**		mg/kg dry	0.321	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**15100**		mg/kg dry	5.35	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**21.7**		mg/kg dry	0.535	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.71**		mg/kg dry	0.428	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**60.0**		mg/kg dry	2.14	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15600**		mg/kg dry	26.8	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**387**		mg/kg dry	0.535	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**8280**		mg/kg dry	5.35	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**153**		mg/kg dry	0.535	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**74.5**		mg/kg dry	1.07	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**686**		mg/kg dry	5.35	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.68	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**279**		mg/kg dry	53.5	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.68	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.6**		mg/kg dry	1.07	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**274**		mg/kg dry	2.68	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.33**		mg/kg dry	0.0321	1	EPA 7473	04/29/2020 11:30	04/29/2020 14:36	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.535	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.7**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.4		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0067**	J	mg/kg dry	0.0048	0.0095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.024	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	04/29/2020 08:00	04/29/2020 14:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.0 %*	*24-116*

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0377	5	EPA 8081B	04/30/2020 14:02	05/04/2020 16:29	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*81.4 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*87.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:36	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*81.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*67.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3670**		mg/kg dry	5.75	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.88	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.73	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**33.8**		mg/kg dry	2.88	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1230**		mg/kg dry	5.75	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.5**		mg/kg dry	0.575	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.57**		mg/kg dry	0.460	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.3**		mg/kg dry	2.30	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11400**		mg/kg dry	28.8	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**60.2**		mg/kg dry	0.575	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2750**		mg/kg dry	5.75	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**120**		mg/kg dry	0.575	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**84.3**		mg/kg dry	1.15	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**709**		mg/kg dry	5.75	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**109**		mg/kg dry	57.5	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.1**		mg/kg dry	1.15	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**84.4**		mg/kg dry	2.88	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.653**		mg/kg dry	0.0345	1	EPA 7473	04/29/2020 11:30	04/29/2020 14:45	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.575	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.5**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.575	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.9**		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB05_18-20** **York Sample ID:** **20D0776-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0090**		mg/kg dry	0.0044	0.0088	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.022	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	04/30/2020 14:04	05/01/2020 17:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*79.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.5 %*	*24-116*

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0371	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:03	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*74.7 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*79.1 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:50	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:50	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:50	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:50	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:50	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:50	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:50	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	04/30/2020 14:02	05/01/2020 15:50	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:59	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:59	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	05/01/2020 07:20	05/01/2020 17:59	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*81.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5060**		mg/kg dry	5.66	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.70	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**32.0**		mg/kg dry	2.83	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1190**		mg/kg dry	5.66	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.566	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.63**		mg/kg dry	0.453	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.5**		mg/kg dry	2.26	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12300**		mg/kg dry	28.3	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.04**		mg/kg dry	0.566	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3700**		mg/kg dry	5.66	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**210**		mg/kg dry	0.566	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**109**		mg/kg dry	1.13	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**887**		mg/kg dry	5.66	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**86.7**		mg/kg dry	56.6	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.4**		mg/kg dry	1.13	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**21.4**		mg/kg dry	2.83	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0340	1	EPA 7473	04/29/2020 11:30	04/29/2020 14:54	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.566	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**22.0**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.566	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.4**		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.010**	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.027	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	04/29/2020 08:00	04/29/2020 15:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0701**	J	mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.249**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.264**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.201**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.162**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.186**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.240**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.222**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.522**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.189**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.283**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.457**		mg/kg dry	0.0439	0.0877	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	04/30/2020 14:04	05/01/2020 18:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*47.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.5 %*	*24-116*

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0343	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:20	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*68.8 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*73.7 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:03	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0207	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:09	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0207	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:09	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0207	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:09	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*66.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7770**		mg/kg dry	5.27	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.99**		mg/kg dry	1.58	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**90.2**		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**19600**		mg/kg dry	5.27	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**31.0**		mg/kg dry	0.527	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**12.8**		mg/kg dry	0.422	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**48.1**		mg/kg dry	2.11	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14900**		mg/kg dry	26.4	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**296**		mg/kg dry	0.527	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**11300**		mg/kg dry	5.27	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**245**		mg/kg dry	0.527	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**154**		mg/kg dry	1.05	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1020**		mg/kg dry	5.27	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.527	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**768**		mg/kg dry	52.7	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.0**		mg/kg dry	1.05	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**123**		mg/kg dry	2.64	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.771**		mg/kg dry	0.0316	1	EPA 7473	04/29/2020 11:30	04/29/2020 15:03	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.527	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**31.0**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.527	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.8		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.025	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:07	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0537**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.0581**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0478**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0500**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.0758**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0728**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*70.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.9 %*	*24-116*

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:36	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*72.8 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*77.8 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:17	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*76.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*78.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4070**		mg/kg dry	5.57	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.44**		mg/kg dry	1.67	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**106**		mg/kg dry	2.79	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**33600**		mg/kg dry	5.57	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**33.6**		mg/kg dry	0.557	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**16.6**		mg/kg dry	0.446	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.8**		mg/kg dry	2.23	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14200**		mg/kg dry	27.9	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**441**		mg/kg dry	0.557	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**22100**		mg/kg dry	5.57	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**247**		mg/kg dry	0.557	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**325**		mg/kg dry	1.11	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**856**		mg/kg dry	5.57	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**4.08**		mg/kg dry	2.79	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**205**		mg/kg dry	55.7	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.5**		mg/kg dry	1.11	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**226**		mg/kg dry	2.79	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.28**		mg/kg dry	0.0334	1	EPA 7473	04/29/2020 11:30	04/29/2020 15:12	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**33.6**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.7		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.027	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	04/29/2020 08:00	04/29/2020 16:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.7 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.240	0.480	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.240	0.480	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.321**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.322**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.326**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.226**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.257**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.305**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	**Dibenzo(a,h)anthracene**	**0.0662**	J	mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.585**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.202**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.244**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.494**		mg/kg dry	0.0601	0.120	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.240	0.480	2	EPA 8270D	05/01/2020 07:28	05/01/2020 15:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*68.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.2 %*	*24-116*

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.236	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0471	5	EPA 8081B	04/30/2020 14:02	05/04/2020 17:53	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*77.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0238	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:31	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0238	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:31	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0238	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:31	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0238	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:31	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0238	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:31	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0238	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:31	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0238	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:31	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0238	1	EPA 8082A	04/30/2020 14:02	05/01/2020 16:31	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0284	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:31	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0284	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:31	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0284	1	EPA 8151A	05/01/2020 07:20	05/01/2020 18:31	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*56.8 %*			*21-150*					

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.98**		mg/L	0.125	1	EPA 6010D/1311	05/08/2020 14:10	05/11/2020 11:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3910**		mg/kg dry	7.22	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.61	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.90**		mg/kg dry	2.16	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**442**		mg/kg dry	3.61	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.072	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.433	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**29400**		mg/kg dry	7.22	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.0**		mg/kg dry	0.722	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.18**		mg/kg dry	0.577	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**26.5**		mg/kg dry	2.89	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10700**		mg/kg dry	36.1	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**2080**		mg/kg dry	0.722	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**8090**		mg/kg dry	7.22	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**217**		mg/kg dry	0.722	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**114**		mg/kg dry	1.44	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**765**		mg/kg dry	7.22	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.61	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.722	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**205**		mg/kg dry	72.2	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.61	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	1.44	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**291**		mg/kg dry	3.61	1	EPA 6010D	04/29/2020 10:45	05/01/2020 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.540**		mg/kg dry	0.0433	1	EPA 7473	04/29/2020 11:30	04/29/2020 15:21	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.722	1	EPA 7196A	04/29/2020 05:51	04/29/2020 11:00	STN
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**20.0**		mg/kg	0.500	1	Calculation	05/04/2020 12:02	05/04/2020 12:03	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.722	1	EPA 9014/9010C	04/29/2020 08:53	04/29/2020 14:33	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.3**		%	0.100	1	SM 2540G	04/29/2020 09:46	04/30/2020 08:51	TJM
							Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/07/2020 15:58	05/08/2020 11:37	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.11**		ug/L	1.00	2.00	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	04/30/2020 12:00	05/01/2020 02:55	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/30/2020 13:56	05/01/2020 11:04	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*19.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*80.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.3 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.20**		ug/L	0.556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.689**		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	04/30/2020 13:56	05/01/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Pesticides, 8081 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B	04/30/2020 07:57	05/01/2020 11:45	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.4 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A	04/30/2020 07:57	04/30/2020 13:18	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*	*30-120*

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	04/29/2020 08:35	04/29/2020 13:47	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	04/29/2020 08:35	04/29/2020 13:47	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	04/29/2020 08:35	04/29/2020 13:47	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	04/29/2020 13:00	04/29/2020 14:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/29/2020 13:02	04/29/2020 17:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	04/29/2020 13:02	04/29/2020 17:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/29/2020 13:02	04/29/2020 17:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/29/2020 13:02	04/29/2020 17:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	04/29/2020 13:02	04/29/2020 17:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	04/29/2020 13:02	04/29/2020 17:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.00029**		mg/L	0.00020	1	EPA 7473	05/01/2020 09:12	05/01/2020 13:28	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	04/28/2020 21:30	04/28/2020 21:35	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/04/2020 12:04	05/04/2020 12:05	TJM
							Certifications:			

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/01/2020 08:40	05/01/2020 14:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BD01210 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	04/28/20
BD01210-BLK1	Blank	04/28/20
BD01210-BS1	LCS	04/28/20
BD01210-DUP1	Duplicate	04/28/20
BD01210-MS1	Matrix Spike	04/28/20

Batch ID: BD01211 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	04/29/20
20D0776-02	SB09_4-6	04/29/20
20D0776-03	SB09_13-15	04/29/20
20D0776-04	SB05_0-2	04/29/20
20D0776-05	SB05_6-8	04/29/20
20D0776-06	SB05_18-20	04/29/20
20D0776-07	SB08_0-2	04/29/20
20D0776-08	SB08_4-6	04/29/20
20D0776-09	SB08_13-15	04/29/20
BD01211-BLK1	Blank	04/29/20
BD01211-SRM1	Reference	04/29/20

Batch ID: BD01217 **Preparation Method:** EPA 8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	04/29/20
BD01217-BLK1	Blank	04/29/20
BD01217-BS1	LCS	04/29/20
BD01217-BSD1	LCS Dup	04/29/20

Batch ID: BD01219 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	04/29/20
20D0776-02	SB09_4-6	04/29/20
20D0776-03	SB09_13-15	04/29/20
20D0776-04	SB05_0-2	04/29/20
20D0776-05	SB05_6-8	04/29/20
20D0776-06	SB05_18-20	04/29/20
20D0776-07	SB08_0-2	04/29/20
20D0776-08	SB08_4-6	04/29/20
20D0776-09	SB08_13-15	04/29/20
BD01219-BLK1	Blank	04/29/20
BD01219-DUP1	Duplicate	04/29/20
BD01219-MS1	Matrix Spike	04/29/20

BD01219-SRM1	Reference	04/29/20

Batch ID: BD01225 **Preparation Method:** EPA 5035A **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	04/29/20
20D0776-02	SB09_4-6	04/29/20
20D0776-03	SB09_13-15	04/29/20
20D0776-04	SB05_0-2	04/29/20
20D0776-05	SB05_6-8	04/29/20
20D0776-06	SB05_18-20	04/29/20
20D0776-07	SB08_0-2	04/29/20
20D0776-08	SB08_4-6	04/29/20
20D0776-09	SB08_13-15	04/29/20
BD01225-BLK1	Blank	04/29/20
BD01225-BLK2	Blank	04/29/20
BD01225-BS1	LCS	04/29/20
BD01225-BSD1	LCS Dup	04/29/20

Batch ID: BD01235 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	04/29/20
20D0776-02	SB09_4-6	04/29/20
20D0776-03	SB09_13-15	04/29/20
20D0776-04	SB05_0-2	04/29/20
20D0776-05	SB05_6-8	04/29/20
20D0776-06	SB05_18-20	04/29/20
20D0776-07	SB08_0-2	04/29/20
20D0776-08	SB08_4-6	04/29/20
20D0776-09	SB08_13-15	04/29/20
BD01235-DUP1	Duplicate	04/29/20

Batch ID: BD01240 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	04/29/20
20D0776-02	SB09_4-6	04/29/20
20D0776-03	SB09_13-15	04/29/20
20D0776-04	SB05_0-2	04/29/20
20D0776-05	SB05_6-8	04/29/20
20D0776-06	SB05_18-20	04/29/20
20D0776-07	SB08_0-2	04/29/20
20D0776-08	SB08_4-6	04/29/20
20D0776-09	SB08_13-15	04/29/20
BD01240-BLK1	Blank	04/29/20
BD01240-DUP1	Duplicate	04/29/20
BD01240-MS1	Matrix Spike	04/29/20
BD01240-PS1	Post Spike	04/29/20
BD01240-SRM1	Reference	04/29/20

Batch ID: BD01245 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	04/29/20
20D0776-02	SB09_4-6	04/29/20
20D0776-03	SB09_13-15	04/29/20
20D0776-04	SB05_0-2	04/29/20
20D0776-05	SB05_6-8	04/29/20
20D0776-06	SB05_18-20	04/29/20
20D0776-07	SB08_0-2	04/29/20
20D0776-08	SB08_4-6	04/29/20
20D0776-09	SB08_13-15	04/29/20
BD01245-BLK1	Blank	04/29/20
BD01245-SRM1	Reference	04/29/20

Batch ID: BD01249 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	04/29/20
BD01249-BLK1	Blank	04/29/20
BD01249-BS1	LCS	04/29/20

Batch ID: BD01250 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	04/29/20
BD01250-BLK1	Blank	04/29/20
BD01250-BS1	LCS	04/29/20

Batch ID: BD01291 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	04/30/20
20D0776-10	SOFB_042820	04/30/20
BD01291-BLK1	Blank	04/30/20
BD01291-BLK2	Blank	04/30/20
BD01291-BS1	LCS	04/30/20
BD01291-BS2	LCS	04/30/20
BD01291-BSD1	LCS Dup	04/30/20
BD01291-BSD2	LCS Dup	04/30/20

Batch ID: BD01321 **Preparation Method:** EPA 5030B **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	04/30/20
BD01321-BLK1	Blank	04/30/20
BD01321-BS1	LCS	04/30/20

BD01321-BSD1	LCS Dup	04/30/20

Batch ID: BD01324 **Preparation Method:** EPA 3510C **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	04/30/20
BD01324-BLK1	Blank	04/30/20
BD01324-BLK2	Blank	04/30/20
BD01324-BS1	LCS	04/30/20
BD01324-BS2	LCS	04/30/20
BD01324-BSD1	LCS Dup	04/30/20

Batch ID: BD01325 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	04/30/20
20D0776-01	SB09_0-2	04/30/20
20D0776-02	SB09_4-6	04/30/20
20D0776-02	SB09_4-6	04/30/20
20D0776-03	SB09_13-15	04/30/20
20D0776-03	SB09_13-15	04/30/20
20D0776-04	SB05_0-2	04/30/20
20D0776-04	SB05_0-2	04/30/20
20D0776-05	SB05_6-8	04/30/20
20D0776-05	SB05_6-8	04/30/20
20D0776-06	SB05_18-20	04/30/20
20D0776-06	SB05_18-20	04/30/20
20D0776-07	SB08_0-2	04/30/20
20D0776-07	SB08_0-2	04/30/20
20D0776-08	SB08_4-6	04/30/20
20D0776-08	SB08_4-6	04/30/20
20D0776-09	SB08_13-15	04/30/20
20D0776-09	SB08_13-15	04/30/20
BD01325-BLK1	Blank	04/30/20
BD01325-BLK2	Blank	04/30/20
BD01325-BS1	LCS	04/30/20
BD01325-BS2	LCS	04/30/20

Batch ID: BD01326 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	04/30/20
20D0776-02	SB09_4-6	04/30/20
20D0776-03	SB09_13-15	04/30/20
20D0776-04	SB05_0-2	04/30/20
20D0776-05	SB05_6-8	04/30/20
20D0776-06	SB05_18-20	04/30/20
20D0776-07	SB08_0-2	04/30/20
BD01326-BLK1	Blank	04/30/20
BD01326-BS1	LCS	04/30/20

BD01326-MS1	Matrix Spike	04/30/20
BD01326-MSD1	Matrix Spike Dup	04/30/20

Batch ID: BE00001 **Preparation Method:** EPA 3550C/8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	05/01/20
20D0776-02	SB09_4-6	05/01/20
20D0776-03	SB09_13-15	05/01/20
20D0776-04	SB05_0-2	05/01/20
20D0776-05	SB05_6-8	05/01/20
20D0776-06	SB05_18-20	05/01/20
20D0776-07	SB08_0-2	05/01/20
20D0776-08	SB08_4-6	05/01/20
20D0776-09	SB08_13-15	05/01/20
BE00001-BLK1	Blank	05/01/20
BE00001-BS1	LCS	05/01/20

Batch ID: BE00003 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-08	SB08_4-6	05/01/20
20D0776-09	SB08_13-15	05/01/20
BE00003-BLK1	Blank	05/01/20
BE00003-BS1	LCS	05/01/20

Batch ID: BE00014 **Preparation Method:** Analysis Preparation **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	05/01/20
BE00014-BLK1	Blank	05/01/20
BE00014-DUP1	Duplicate	05/01/20
BE00014-MS1	Matrix Spike	05/01/20
BE00014-SRM1	Reference	05/01/20

Batch ID: BE00019 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	05/01/20
BE00019-BLK1	Blank	05/01/20
BE00019-DUP1	Duplicate	05/01/20
BE00019-MS1	Matrix Spike	05/01/20
BE00019-SRM1	Reference	05/01/20

Batch ID: BE00096 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	05/04/20

20D0776-02	SB09_4-6	05/04/20
20D0776-03	SB09_13-15	05/04/20
20D0776-04	SB05_0-2	05/04/20
20D0776-05	SB05_6-8	05/04/20
20D0776-06	SB05_18-20	05/04/20
20D0776-07	SB08_0-2	05/04/20
20D0776-08	SB08_4-6	05/04/20
20D0776-09	SB08_13-15	05/04/20

Batch ID: BE00097 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	05/04/20

Batch ID: BE00286 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-09	SB08_13-15	05/07/20
BE00286-BLK1	Blank	05/07/20

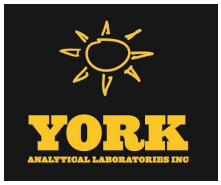
Batch ID: BE00334 **Preparation Method:** EPA 3015A/1311 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-09	SB08_13-15	05/08/20
BE00334-BLK1	Blank	05/08/20
BE00334-BS1	LCS	05/08/20
BE00334-LBK1	Leach Fluid Blank	05/08/20
BE00334-LBK2	Leach Fluid Blank	05/08/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01225 - EPA 5035A											
Blank (BD01225-BLK1) Blank									Prepared & Analyzed: 04/29/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01225 - EPA 5035A											
Blank (BD01225-BLK1) Blank									Prepared & Analyzed: 04/29/2020		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				
Blank (BD01225-BLK2) Blank									Prepared & Analyzed: 04/29/2020		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01225 - EPA 5035A											
Blank (BD01225-BLK2) Blank									Prepared & Analyzed: 04/29/2020		
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01225 - EPA 5035A											
LCS (BD01225-BS1) LCS							Prepared & Analyzed: 04/29/2020				
1,1,1,2-Tetrachloroethane	43.0		ug/L	50.0		86.0	75-129				
1,1,1-Trichloroethane	47.7		"	50.0		95.3	71-137				
1,1,2,2-Tetrachloroethane	49.3		"	50.0		98.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.9		"	50.0		97.7	58-146				
1,1,2-Trichloroethane	44.7		"	50.0		89.5	83-123				
1,1-Dichloroethane	44.8		"	50.0		89.6	75-130				
1,1-Dichloroethylene	46.0		"	50.0		92.0	64-137				
1,2,3-Trichlorobenzene	47.8		"	50.0		95.6	81-140				
1,2,3-Trichloropropane	47.5		"	50.0		95.0	81-126				
1,2,4-Trichlorobenzene	49.0		"	50.0		98.0	80-141				
1,2,4-Trimethylbenzene	47.7		"	50.0		95.5	84-125				
1,2-Dibromo-3-chloropropane	47.3		"	50.0		94.6	74-142				
1,2-Dibromoethane	46.2		"	50.0		92.4	86-123				
1,2-Dichlorobenzene	47.4		"	50.0		94.9	85-122				
1,2-Dichloroethane	46.6		"	50.0		93.2	71-133				
1,2-Dichloropropane	45.5		"	50.0		91.0	81-122				
1,3,5-Trimethylbenzene	47.1		"	50.0		94.1	82-126				
1,3-Dichlorobenzene	46.4		"	50.0		92.9	84-124				
1,4-Dichlorobenzene	46.5		"	50.0		92.9	84-124				
1,4-Dioxane	926		"	1050		88.2	10-228				
2-Butanone	47.8		"	50.0		95.5	58-147				
2-Hexanone	47.4		"	50.0		94.8	70-139				
4-Methyl-2-pentanone	46.8		"	50.0		93.7	72-132				
Acetone	38.1		"	50.0		76.2	36-155				
Acrolein	54.5		"	50.0		109	10-238				
Acrylonitrile	47.1		"	50.0		94.3	66-141				
Benzene	46.7		"	50.0		93.4	77-127				
Bromochloromethane	45.8		"	50.0		91.6	74-129				
Bromodichloromethane	42.6		"	50.0		85.1	81-124				
Bromoform	40.9		"	50.0		81.8	80-136				
Bromomethane	51.8		"	50.0		104	32-177				
Carbon disulfide	42.6		"	50.0		85.2	10-136				
Carbon tetrachloride	48.0		"	50.0		95.9	66-143				
Chlorobenzene	45.8		"	50.0		91.6	86-120				
Chloroethane	52.8		"	50.0		106	51-142				
Chloroform	46.8		"	50.0		93.6	76-131				
Chloromethane	50.8		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	46.6		"	50.0		93.2	74-132				
cis-1,3-Dichloropropylene	42.4		"	50.0		84.9	81-129				
Cyclohexane	52.7		"	50.0		105	70-130				
Dibromochloromethane	41.9		"	50.0		83.9	10-200				
Dibromomethane	46.2		"	50.0		92.4	83-124				
Dichlorodifluoromethane	32.6		"	50.0		65.2	28-158				
Ethyl Benzene	46.5		"	50.0		93.0	84-125				
Hexachlorobutadiene	49.0		"	50.0		97.9	83-133				
Isopropylbenzene	45.4		"	50.0		90.8	81-127				
Methyl acetate	44.9		"	50.0		89.8	41-143				
Methyl tert-butyl ether (MTBE)	45.8		"	50.0		91.6	74-131				
Methylcyclohexane	46.8		"	50.0		93.6	70-130				
Methylene chloride	49.4		"	50.0		98.8	57-141				
n-Butylbenzene	45.0		"	50.0		90.0	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

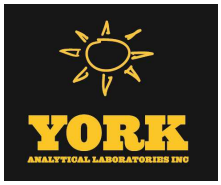
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01225 - EPA 5035A											
LCS (BD01225-BS1) LCS								Prepared & Analyzed: 04/29/2020			
n-Propylbenzene	45.9		ug/L	50.0		91.9	74-136				
o-Xylene	46.2		"	50.0		92.4	83-123				
p- & m- Xylenes	92.8		"	100		92.8	82-128				
p-Isopropyltoluene	48.7		"	50.0		97.4	85-125				
sec-Butylbenzene	49.6		"	50.0		99.2	83-125				
Styrene	47.2		"	50.0		94.3	86-126				
tert-Butyl alcohol (TBA)	230		"	250		91.9	70-130				
tert-Butylbenzene	40.7		"	50.0		81.4	80-127				
Tetrachloroethylene	42.6		"	50.0		85.2	80-129				
Toluene	46.4		"	50.0		92.7	85-121				
trans-1,2-Dichloroethylene	48.0		"	50.0		96.0	72-132				
trans-1,3-Dichloropropylene	40.9		"	50.0		81.8	78-132				
Trichloroethylene	46.2		"	50.0		92.4	84-123				
Trichlorofluoromethane	52.5		"	50.0		105	62-140				
Vinyl Chloride	51.6		"	50.0		103	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*76-130*				
LCS Dup (BD01225-BSD1) LCS Dup								Prepared & Analyzed: 04/29/2020			
1,1,1,2-Tetrachloroethane	48.5		ug/L	50.0		97.0	75-129		12.0	30	
1,1,1-Trichloroethane	53.9		"	50.0		108	71-137		12.3	30	
1,1,2,2-Tetrachloroethane	55.1		"	50.0		110	79-129		11.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.8		"	50.0		110	58-146		11.4	30	
1,1,2-Trichloroethane	50.6		"	50.0		101	83-123		12.2	30	
1,1-Dichloroethane	50.8		"	50.0		102	75-130		12.6	30	
1,1-Dichloroethylene	51.9		"	50.0		104	64-137		12.0	30	
1,2,3-Trichlorobenzene	54.1		"	50.0		108	81-140		12.4	30	
1,2,3-Trichloropropane	52.5		"	50.0		105	81-126		10.1	30	
1,2,4-Trichlorobenzene	54.7		"	50.0		109	80-141		10.9	30	
1,2,4-Trimethylbenzene	53.2		"	50.0		106	84-125		10.9	30	
1,2-Dibromo-3-chloropropane	47.6		"	50.0		95.3	74-142		0.759	30	
1,2-Dibromoethane	52.0		"	50.0		104	86-123		11.8	30	
1,2-Dichlorobenzene	53.0		"	50.0		106	85-122		11.1	30	
1,2-Dichloroethane	52.2		"	50.0		104	71-133		11.4	30	
1,2-Dichloropropane	51.4		"	50.0		103	81-122		12.2	30	
1,3,5-Trimethylbenzene	52.7		"	50.0		105	82-126		11.4	30	
1,3-Dichlorobenzene	51.6		"	50.0		103	84-124		10.4	30	
1,4-Dichlorobenzene	52.1		"	50.0		104	84-124		11.4	30	
1,4-Dioxane	1040		"	1050		99.1	10-228		11.7	30	
2-Butanone	53.1		"	50.0		106	58-147		10.5	30	
2-Hexanone	52.0		"	50.0		104	70-139		9.33	30	
4-Methyl-2-pentanone	51.7		"	50.0		103	72-132		9.90	30	
Acetone	41.4		"	50.0		82.8	36-155		8.28	30	
Acrolein	61.3		"	50.0		123	10-238		11.7	30	
Acrylonitrile	52.5		"	50.0		105	66-141		10.8	30	
Benzene	52.8		"	50.0		106	77-127		12.2	30	
Bromochloromethane	54.1		"	50.0		108	74-129		16.7	30	
Bromodichloromethane	48.1		"	50.0		96.3	81-124		12.3	30	
Bromoform	46.0		"	50.0		91.9	80-136		11.7	30	
Bromomethane	61.0		"	50.0		122	32-177		16.4	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01225 - EPA 5035A											
LCS Dup (BD01225-BSD1) LCS Dup							Prepared & Analyzed: 04/29/2020				
Carbon disulfide	49.1		ug/L	50.0		98.2	10-136		14.1	30	
Carbon tetrachloride	54.8		"	50.0		110	66-143		13.3	30	
Chlorobenzene	51.2		"	50.0		102	86-120		11.2	30	
Chloroethane	59.1		"	50.0		118	51-142		11.4	30	
Chloroform	53.2		"	50.0		106	76-131		12.7	30	
Chloromethane	57.4		"	50.0		115	49-132		12.3	30	
cis-1,2-Dichloroethylene	52.8		"	50.0		106	74-132		12.5	30	
cis-1,3-Dichloropropylene	48.2		"	50.0		96.4	81-129		12.6	30	
Cyclohexane	59.1		"	50.0		118	70-130		11.4	30	
Dibromochloromethane	47.6		"	50.0		95.2	10-200		12.7	30	
Dibromomethane	52.3		"	50.0		105	83-124		12.4	30	
Dichlorodifluoromethane	63.0		"	50.0		126	28-158		63.6	30	Non-dir.
Ethyl Benzene	52.2		"	50.0		104	84-125		11.4	30	
Hexachlorobutadiene	54.2		"	50.0		108	83-133		10.2	30	
Isopropylbenzene	50.4		"	50.0		101	81-127		10.5	30	
Methyl acetate	49.7		"	50.0		99.3	41-143		10.0	30	
Methyl tert-butyl ether (MTBE)	52.2		"	50.0		104	74-131		13.0	30	
Methylcyclohexane	52.4		"	50.0		105	70-130		11.3	30	
Methylene chloride	55.8		"	50.0		112	57-141		12.2	30	
n-Butylbenzene	55.1		"	50.0		110	80-130		20.1	30	
n-Propylbenzene	50.8		"	50.0		102	74-136		10.1	30	
o-Xylene	51.8		"	50.0		104	83-123		11.4	30	
p- & m- Xylenes	104		"	100		104	82-128		11.1	30	
p-Isopropyltoluene	54.4		"	50.0		109	85-125		11.0	30	
sec-Butylbenzene	55.1		"	50.0		110	83-125		10.5	30	
Styrene	53.3		"	50.0		107	86-126		12.3	30	
tert-Butyl alcohol (TBA)	258		"	250		103	70-130		11.6	30	
tert-Butylbenzene	45.2		"	50.0		90.3	80-127		10.4	30	
Tetrachloroethylene	47.4		"	50.0		94.7	80-129		10.6	30	
Toluene	51.8		"	50.0		104	85-121		11.0	30	
trans-1,2-Dichloroethylene	54.6		"	50.0		109	72-132		12.8	30	
trans-1,3-Dichloropropylene	46.4		"	50.0		92.9	78-132		12.7	30	
Trichloroethylene	51.7		"	50.0		103	84-123		11.2	30	
Trichlorofluoromethane	58.6		"	50.0		117	62-140		11.0	30	
Vinyl Chloride	57.8		"	50.0		116	52-130		11.4	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01321 - EPA 5030B											
Blank (BD01321-BLK1) Blank									Prepared & Analyzed: 04/30/2020		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

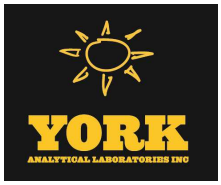
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01321 - EPA 5030B											
Blank (BD01321-BLK1) Blank								Prepared & Analyzed: 04/30/2020			
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.48*		*"*	*10.0*		*94.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				
LCS (BD01321-BS1) LCS								Prepared & Analyzed: 04/30/2020			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136				
1,1,2,2-Tetrachloroethane	9.83		"	10.0		98.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	9.81		"	10.0		98.1	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,2,3-Trichlorobenzene	9.42		"	10.0		94.2	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	9.86		"	10.0		98.6	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147				
1,2-Dibromoethane	10.0		"	10.0		100	83-124				
1,2-Dichlorobenzene	9.87		"	10.0		98.7	79-123				
1,2-Dichloroethane	11.1		"	10.0		111	73-132				
1,2-Dichloropropane	9.72		"	10.0		97.2	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	9.98		"	10.0		99.8	86-122				
1,4-Dichlorobenzene	9.99		"	10.0		99.9	85-124				
1,4-Dioxane	119		"	210		56.6	10-349				
2-Butanone	10.0		"	10.0		100	49-152				
2-Hexanone	9.43		"	10.0		94.3	51-146				
4-Methyl-2-pentanone	10.2		"	10.0		102	57-145				
Acetone	7.56		"	10.0		75.6	14-150				
Acrolein	8.82		"	10.0		88.2	10-153				
Acrylonitrile	11.1		"	10.0		111	51-150				
Benzene	11.2		"	10.0		112	85-126				
Bromochloromethane	11.5		"	10.0		115	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	10.3		"	10.0		103	78-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01321 - EPA 5030B											
LCS (BD01321-BS1) LCS							Prepared & Analyzed: 04/30/2020				
Bromomethane	8.94		ug/L	10.0		89.4	43-168				
Carbon disulfide	9.77		"	10.0		97.7	68-146				
Carbon tetrachloride	11.5		"	10.0		115	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	11.3		"	10.0		113	65-136				
Chloroform	11.2		"	10.0		112	82-128				
Chloromethane	11.4		"	10.0		114	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	11.6		"	10.0		116	63-149				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	9.66		"	10.0		96.6	72-134				
Dichlorodifluoromethane	12.9		"	10.0		129	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	10.3		"	10.0		103	76-140				
Methyl acetate	10.3		"	10.0		103	51-139				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135				
Methylcyclohexane	10.3		"	10.0		103	72-143				
Methylene chloride	13.1		"	10.0		131	55-137				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
p-Isopropyltoluene	11.4		"	10.0		114	81-136				
sec-Butylbenzene	11.4		"	10.0		114	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butyl alcohol (TBA)	60.6		"	50.0		121	25-162				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	8.07		"	10.0		80.7	82-131	Low Bias			
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	11.3		"	10.0		113	80-132				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131				
Trichloroethylene	9.88		"	10.0		98.8	82-128				
Trichlorofluoromethane	11.8		"	10.0		118	67-139				
Vinyl Chloride	11.1		"	10.0		111	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.50*		*"*	*10.0*		*95.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

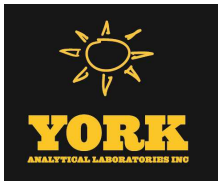
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01321 - EPA 5030B											
LCS Dup (BD01321-BSD1) LCS Dup							Prepared & Analyzed: 04/30/2020				
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		2.88	30	
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136		3.11	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		2.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	54-165		3.29	30	
1,1,2-Trichloroethane	9.67		"	10.0		96.7	82-123		1.44	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		2.68	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		2.91	30	
1,2,3-Trichlorobenzene	9.93		"	10.0		99.3	76-136		5.27	30	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		1.19	30	
1,2,4-Trichlorobenzene	9.90		"	10.0		99.0	76-137		0.405	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		0.850	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		0.884	30	
1,2-Dibromoethane	9.96		"	10.0		99.6	83-124		0.900	30	
1,2-Dichlorobenzene	9.82		"	10.0		98.2	79-123		0.508	30	
1,2-Dichloroethane	11.2		"	10.0		112	73-132		0.810	30	
1,2-Dichloropropane	9.61		"	10.0		96.1	78-126		1.14	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		3.19	30	
1,3-Dichlorobenzene	9.90		"	10.0		99.0	86-122		0.805	30	
1,4-Dichlorobenzene	9.90		"	10.0		99.0	85-124		0.905	30	
1,4-Dioxane	92.4		"	210		44.0	10-349		25.0	30	
2-Butanone	9.37		"	10.0		93.7	49-152		6.50	30	
2-Hexanone	9.18		"	10.0		91.8	51-146		2.69	30	
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145		1.55	30	
Acetone	7.37		"	10.0		73.7	14-150		2.55	30	
Acrolein	9.12		"	10.0		91.2	10-153		3.34	30	
Acrylonitrile	11.2		"	10.0		112	51-150		1.17	30	
Benzene	10.9		"	10.0		109	85-126		3.26	30	
Bromochloromethane	11.4		"	10.0		114	77-128		0.872	30	
Bromodichloromethane	9.97		"	10.0		99.7	79-128		1.99	30	
Bromoform	10.3		"	10.0		103	78-133		0.486	30	
Bromomethane	9.12		"	10.0		91.2	43-168		1.99	30	
Carbon disulfide	9.45		"	10.0		94.5	68-146		3.33	30	
Carbon tetrachloride	11.2		"	10.0		112	77-141		2.73	30	
Chlorobenzene	10.0		"	10.0		100	88-120		3.05	30	
Chloroethane	10.8		"	10.0		108	65-136		4.42	30	
Chloroform	10.9		"	10.0		109	82-128		1.90	30	
Chloromethane	10.9		"	10.0		109	43-155		4.29	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		2.97	30	
cis-1,3-Dichloropropylene	9.98		"	10.0		99.8	80-131		2.86	30	
Cyclohexane	11.2		"	10.0		112	63-149		3.43	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		0.767	30	
Dibromomethane	9.75		"	10.0		97.5	72-134		0.927	30	
Dichlorodifluoromethane	12.5		"	10.0		125	44-144		3.54	30	
Ethyl Benzene	10.5		"	10.0		105	80-131		3.46	30	
Hexachlorobutadiene	10.6		"	10.0		106	67-146		3.25	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		2.65	30	
Methyl acetate	9.95		"	10.0		99.5	51-139		3.17	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		0.914	30	
Methylcyclohexane	9.89		"	10.0		98.9	72-143		3.87	30	
Methylene chloride	12.9		"	10.0		129	55-137		1.46	30	
n-Butylbenzene	9.67		"	10.0		96.7	79-132		12.6	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01321 - EPA 5030B											
LCS Dup (BD01321-BSD1) LCS Dup								Prepared & Analyzed: 04/30/2020			
n-Propylbenzene	10.2		ug/L	10.0		102	78-133		2.43	30	
o-Xylene	10.5		"	10.0		105	78-130		2.26	30	
p- & m- Xylenes	22.0		"	20.0		110	77-133		2.51	30	
p-Isopropyltoluene	11.0		"	10.0		110	81-136		3.85	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		2.93	30	
Styrene	10.5		"	10.0		105	67-132		1.51	30	
tert-Butyl alcohol (TBA)	53.9		"	50.0		108	25-162		11.8	30	
tert-Butylbenzene	10.5		"	10.0		105	77-138		2.44	30	
Tetrachloroethylene	7.77		"	10.0		77.7	82-131	Low Bias	3.79	30	
Toluene	10.2		"	10.0		102	80-127		2.91	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		3.70	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		0.986	30	
Trichloroethylene	9.51		"	10.0		95.1	82-128		3.82	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		1.98	30	
Vinyl Chloride	10.7		"	10.0		107	58-145		3.22	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD01324 - EPA 3510C

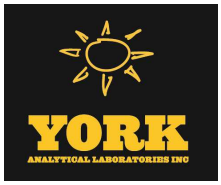
Blank (BD01324-BLK1) Blank — Prepared: 04/30/2020 Analyzed: 05/01/2020

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01324 - EPA 3510C											
Blank (BD01324-BLK1) Blank											Prepared: 04/30/2020 Analyzed: 05/01/2020
Surrogate: SURR: 2-Fluorophenol	*20.4*		*ug/L*	*50.0*		*40.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.8*		*"*	*50.0*		*21.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.4*		*"*	*25.0*		*106*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*22.2*		*"*	*25.0*		*88.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.5*		*"*	*50.0*		*103*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*28.6*		*"*	*25.0*		*114*	*30.7-106*				
Blank (BD01324-BLK2) Blank											Prepared: 04/30/2020 Analyzed: 05/01/2020
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01324 - EPA 3510C											
LCS (BD01324-BS1) LCS								Prepared: 04/30/2020 Analyzed: 05/01/2020			
1,1-Biphenyl	21.1	5.00	ug/L	25.0		84.5	33-95				
1,2,4,5-Tetrachlorobenzene	24.2	5.00	"	25.1		96.4	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	19.2	5.00	"	25.0		76.8	16-141				
2,3,4,6-Tetrachlorophenol	31.4	5.00	"	25.0		126	30-130				
2,4,5-Trichlorophenol	20.5	5.00	"	25.0		82.1	32-114				
2,4,6-Trichlorophenol	22.0	5.00	"	25.0		88.2	35-118				
2,4-Dichlorophenol	23.1	5.00	"	25.0		92.4	25-116				
2,4-Dimethylphenol	20.9	5.00	"	25.0		83.7	15-116				
2,4-Dinitrophenol	31.8	5.00	"	25.0		127	10-170				
2,4-Dinitrotoluene	25.3	5.00	"	25.0		101	41-128				
2,6-Dinitrotoluene	25.5	5.00	"	25.0		102	45-116				
2-Chloronaphthalene	18.3	5.00	"	25.0		73.4	33-112				
2-Chlorophenol	18.7	5.00	"	25.0		74.7	15-120				
2-Methylnaphthalene	23.9	5.00	"	25.0		95.5	24-118				
2-Methylphenol	12.5	5.00	"	25.0		50.1	10-110				
2-Nitroaniline	26.1	5.00	"	25.0		104	34-129				
2-Nitrophenol	29.4	5.00	"	25.0		118	28-118				
3- & 4-Methylphenols	10.2	5.00	"	25.0		41.0	10-107				
3,3-Dichlorobenzidine	21.5	5.00	"	25.0		85.9	15-187				
3-Nitroaniline	20.4	5.00	"	25.0		81.7	24-134				
4,6-Dinitro-2-methylphenol	28.1	5.00	"	25.0		112	10-153				
4-Bromophenyl phenyl ether	22.0	5.00	"	25.0		88.1	34-120				
4-Chloro-3-methylphenol	23.2	5.00	"	25.0		92.7	20-120				
4-Chloroaniline	16.3	5.00	"	25.0		65.3	10-147				
4-Chlorophenyl phenyl ether	20.7	5.00	"	25.0		82.9	27-121				
4-Nitroaniline	22.5	5.00	"	25.0		89.9	13-134				
4-Nitrophenol	16.3	5.00	"	25.0		65.2	10-131				
Acetophenone	20.6	5.00	"	25.0		82.3	25-110				
Aniline	13.0	5.00	"	25.0		51.8	10-117				
Benzaldehyde	21.0	5.00	"	25.0		84.2	29-117				
Benzoic acid	7.38	5.00	"	25.0		29.5	30-130	Low Bias			
Benzyl alcohol	13.1	5.00	"	25.0		52.2	10-117				
Benzyl butyl phthalate	27.1	5.00	"	25.0		108	29-133				
Bis(2-chloroethoxy)methane	19.5	5.00	"	25.0		78.2	10-154				
Bis(2-chloroethyl)ether	17.8	5.00	"	25.0		71.1	17-125				
Bis(2-chloroisopropyl)ether	18.8	5.00	"	25.0		75.1	10-139				
Caprolactam	2.73	5.00	"	25.0		10.9	10-137				
Carbazole	22.3	5.00	"	25.0		89.0	42-126				
Dibenzofuran	20.6	5.00	"	25.0		82.2	36-113				
Diethyl phthalate	22.1	5.00	"	25.0		88.4	38-115				
Dimethyl phthalate	21.3	5.00	"	25.0		85.4	38-129				
Di-n-butyl phthalate	24.6	5.00	"	25.0		98.4	31-120				
Di-n-octyl phthalate	30.7	5.00	"	25.0		123	21-149				
Diphenylamine	22.1	5.00	"	25.0		88.5	40-140				
Hexachlorocyclopentadiene	14.8	10.0	"	25.0		59.2	10-130				
Isophorone	22.9	5.00	"	25.0		91.6	25-127				
N-nitroso-di-n-propylamine	18.8	5.00	"	25.0		75.0	26-122				
N-Nitrosodiphenylamine	22.5	5.00	"	25.0		90.0	23-149				
Phenol	7.47	5.00	"	25.0		29.9	10-110				
Pyridine	7.81	5.00	"	27.5		28.4	10-90				
Surrogate: SURR: 2-Fluorophenol	*21.6*		*"*	*50.0*		*43.1*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01324 - EPA 3510C											
LCS (BD01324-BS1) LCS							Prepared: 04/30/2020 Analyzed: 05/01/2020				
Surrogate: SURR: Phenol-d5	*11.5*		*ug/L*	*50.0*		*23.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*25.8*		*"*	*25.0*		*103*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.1*		*"*	*25.0*		*80.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.3*		*"*	*50.0*		*101*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*26.1*		*"*	*25.0*		*104*	*30.7-106*				
LCS (BD01324-BS2) LCS							Prepared: 04/30/2020 Analyzed: 05/01/2020				
Acenaphthene	0.780	0.0500	ug/L	1.00		78.0	25-116				
Acenaphthylene	0.770	0.0500	"	1.00		77.0	26-116				
Anthracene	0.770	0.0500	"	1.00		77.0	25-123				
Benzo(a)anthracene	0.790	0.0500	"	1.00		79.0	33-125				
Benzo(a)pyrene	0.720	0.0500	"	1.00		72.0	32-132				
Benzo(b)fluoranthene	0.760	0.0500	"	1.00		76.0	22-137				
Benzo(g,h,i)perylene	1.03	0.0500	"	1.00		103	10-138				
Benzo(k)fluoranthene	0.730	0.0500	"	1.00		73.0	20-137				
Bis(2-ethylhexyl)phthalate	1.09	0.500	"	1.00		109	10-189				
Chrysene	0.770	0.0500	"	1.00		77.0	32-124				
Dibenzo(a,h)anthracene	1.01	0.0500	"	1.00		101	16-133				
Fluoranthene	0.870	0.0500	"	1.00		87.0	32-121				
Fluorene	0.880	0.0500	"	1.00		88.0	28-118				
Hexachlorobenzene	0.640	0.0200	"	1.00		64.0	23-124				
Hexachlorobutadiene	0.780	0.500	"	1.00		78.0	15-123				
Hexachloroethane	0.800	0.500	"	1.00		80.0	18-115				
Indeno(1,2,3-cd)pyrene	0.960	0.0500	"	1.00		96.0	15-135				
Naphthalene	0.820	0.0500	"	1.00		82.0	18-120				
Nitrobenzene	1.36	0.250	"	1.00		136	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.740	0.250	"	1.00		74.0	10-156				
Phenanthrene	0.820	0.0500	"	1.00		82.0	24-127				
Pyrene	0.670	0.0500	"	1.00		67.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01324 - EPA 3510C											
LCS Dup (BD01324-BSD1) LCS Dup									Prepared: 04/30/2020 Analyzed: 05/01/2020		
1,1-Biphenyl	21.7	5.00	ug/L	25.0		86.6	33-95		2.52	20	
1,2,4,5-Tetrachlorobenzene	24.2	5.00	"	25.1		96.4	26-120		0.00	20	
1,2-Diphenylhydrazine (as Azobenzene)	18.9	5.00	"	25.0		75.8	16-141		1.36	20	
2,3,4,6-Tetrachlorophenol	30.0	5.00	"	25.0		120	30-130		4.52	20	
2,4,5-Trichlorophenol	20.8	5.00	"	25.0		83.3	32-114		1.40	20	
2,4,6-Trichlorophenol	22.5	5.00	"	25.0		89.8	35-118		1.89	20	
2,4-Dichlorophenol	23.4	5.00	"	25.0		93.6	25-116		1.20	20	
2,4-Dimethylphenol	22.0	5.00	"	25.0		88.1	15-116		5.12	20	
2,4-Dinitrophenol	33.1	5.00	"	25.0		133	10-170		4.25	20	
2,4-Dinitrotoluene	26.0	5.00	"	25.0		104	41-128		2.69	20	
2,6-Dinitrotoluene	25.4	5.00	"	25.0		102	45-116		0.550	20	
2-Chloronaphthalene	19.0	5.00	"	25.0		76.1	33-112		3.64	20	
2-Chlorophenol	18.7	5.00	"	25.0		74.7	15-120		0.00	20	
2-Methylnaphthalene	23.1	5.00	"	25.0		92.5	24-118		3.15	20	
2-Methylphenol	13.4	5.00	"	25.0		53.6	10-110		6.79	20	
2-Nitroaniline	27.2	5.00	"	25.0		109	34-129		3.98	20	
2-Nitrophenol	28.6	5.00	"	25.0		115	28-118		2.58	20	
3- & 4-Methylphenols	10.3	5.00	"	25.0		41.0	10-107		0.195	20	
3,3-Dichlorobenzidine	19.4	5.00	"	25.0		77.6	15-187		10.2	20	
3-Nitroaniline	22.1	5.00	"	25.0		88.3	24-134		7.77	20	
4,6-Dinitro-2-methylphenol	29.6	5.00	"	25.0		118	10-153		5.23	20	
4-Bromophenyl phenyl ether	20.2	5.00	"	25.0		80.6	34-120		8.87	20	
4-Chloro-3-methylphenol	23.4	5.00	"	25.0		93.7	20-120		1.07	20	
4-Chloroaniline	17.5	5.00	"	25.0		70.2	10-147		7.14	20	
4-Chlorophenyl phenyl ether	20.4	5.00	"	25.0		81.8	27-121		1.31	20	
4-Nitroaniline	21.2	5.00	"	25.0		84.6	13-134		6.01	20	
4-Nitrophenol	16.7	5.00	"	25.0		66.8	10-131		2.36	20	
Acetophenone	21.8	5.00	"	25.0		87.3	25-110		5.90	20	
Aniline	14.1	5.00	"	25.0		56.4	10-117		8.43	20	
Benzaldehyde	20.8	5.00	"	25.0		83.0	29-117		1.39	20	
Benzoic acid	7.73	5.00	"	25.0		30.9	30-130		4.63	20	
Benzyl alcohol	14.9	5.00	"	25.0		59.7	10-117		13.3	20	
Benzyl butyl phthalate	26.3	5.00	"	25.0		105	29-133		2.85	20	
Bis(2-chloroethoxy)methane	19.7	5.00	"	25.0		78.6	10-154		0.612	20	
Bis(2-chloroethyl)ether	18.8	5.00	"	25.0		75.4	17-125		5.79	20	
Bis(2-chloroisopropyl)ether	20.0	5.00	"	25.0		80.2	10-139		6.59	20	
Caprolactam	3.03	5.00	"	25.0		12.1	10-137		10.4	20	
Carbazole	21.6	5.00	"	25.0		86.6	42-126		2.82	20	
Dibenzofuran	20.7	5.00	"	25.0		82.6	36-113		0.534	20	
Diethyl phthalate	22.0	5.00	"	25.0		88.1	38-115		0.362	20	
Dimethyl phthalate	22.1	5.00	"	25.0		88.6	38-129		3.68	20	
Di-n-butyl phthalate	23.7	5.00	"	25.0		95.0	31-120		3.56	20	
Di-n-octyl phthalate	29.6	5.00	"	25.0		118	21-149		3.58	20	
Diphenylamine	22.3	5.00	"	25.0		89.2	40-140		0.810	20	
Hexachlorocyclopentadiene	15.7	10.0	"	25.0		62.8	10-130		5.77	20	
Isophorone	22.5	5.00	"	25.0		90.2	25-127		1.58	20	
N-nitroso-di-n-propylamine	19.6	5.00	"	25.0		78.4	26-122		4.38	20	
N-Nitrosodiphenylamine	21.4	5.00	"	25.0		85.4	23-149		5.15	20	
Phenol	7.45	5.00	"	25.0		29.8	10-110		0.268	20	
Pyridine	8.32	5.00	"	27.5		30.3	10-90		6.32	20	
Surrogate: SURR: 2-Fluorophenol	*22.8*		*"*	*50.0*		*45.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01324 - EPA 3510C											
LCS Dup (BD01324-BSD1) LCS Dup									Prepared: 04/30/2020 Analyzed: 05/01/2020		
Surrogate: SURR: Phenol-d5	*12.5*		*ug/L*	*50.0*		*24.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.1*		*"*	*25.0*		*104*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.5*		*"*	*25.0*		*82.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*49.0*		*"*	*50.0*		*98.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*26.7*		*"*	*25.0*		*107*	*30.7-106*				
Batch BD01326 - EPA 3550C											
Blank (BD01326-BLK1) Blank									Prepared: 04/30/2020 Analyzed: 05/01/2020		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01326 - EPA 3550C											
Blank (BD01326-BLK1) Blank									Prepared: 04/30/2020 Analyzed: 05/01/2020		
Benzyl butyl phthalate	ND	0.0417	mg/kg wet								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.39*		"	*1.67*		*83.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.27*		"	*1.67*		*76.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.717*		"	*0.833*		*86.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.697*		"	*0.833*		*83.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.51*		"	*1.67*		*90.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.883*		"	*0.833*		*106*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01326 - EPA 3550C											
LCS (BD01326-BS1) LCS									Prepared: 04/30/2020 Analyzed: 05/01/2020		
1,1-Biphenyl	0.635	0.0417	mg/kg wet	0.833		76.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.745	0.0833	"	0.833		89.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.555	0.0417	"	0.833		66.6	17-137				
2,3,4,6-Tetrachlorophenol	0.850	0.0833	"	0.833		102	30-130				
2,4,5-Trichlorophenol	0.631	0.0417	"	0.833		75.8	27-118				
2,4,6-Trichlorophenol	0.725	0.0417	"	0.833		87.0	31-120				
2,4-Dichlorophenol	0.676	0.0417	"	0.833		81.2	20-127				
2,4-Dimethylphenol	0.653	0.0417	"	0.833		78.4	14-132				
2,4-Dinitrophenol	0.700	0.0833	"	0.833		84.0	10-171				
2,4-Dinitrotoluene	0.700	0.0417	"	0.833		84.0	34-131				
2,6-Dinitrotoluene	0.732	0.0417	"	0.833		87.8	31-128				
2-Chloronaphthalene	0.645	0.0417	"	0.833		77.4	31-117				
2-Chlorophenol	0.607	0.0417	"	0.833		72.8	33-113				
2-Methylnaphthalene	0.705	0.0417	"	0.833		84.6	12-138				
2-Methylphenol	0.529	0.0417	"	0.833		63.5	10-136				
2-Nitroaniline	0.723	0.0833	"	0.833		86.8	27-132				
2-Nitrophenol	0.731	0.0417	"	0.833		87.7	17-129				
3- & 4-Methylphenols	0.466	0.0417	"	0.833		55.9	29-103				
3,3-Dichlorobenzidine	0.583	0.0417	"	0.833		70.0	22-149				
3-Nitroaniline	0.580	0.0833	"	0.833		69.6	20-133				
4,6-Dinitro-2-methylphenol	0.703	0.0833	"	0.833		84.3	10-143				
4-Bromophenyl phenyl ether	0.598	0.0417	"	0.833		71.8	29-120				
4-Chloro-3-methylphenol	0.685	0.0417	"	0.833		82.2	24-129				
4-Chloroaniline	0.478	0.0417	"	0.833		57.4	10-132				
4-Chlorophenyl phenyl ether	0.669	0.0417	"	0.833		80.3	27-124				
4-Nitroaniline	0.650	0.0833	"	0.833		78.0	16-128				
4-Nitrophenol	0.689	0.0833	"	0.833		82.6	10-141				
Acenaphthene	0.614	0.0417	"	0.833		73.7	30-121				
Acenaphthylene	0.606	0.0417	"	0.833		72.7	30-115				
Acetophenone	0.535	0.0417	"	0.833		64.2	20-112				
Aniline	0.578	0.167	"	0.833		69.4	10-119				
Anthracene	0.730	0.0417	"	0.833		87.6	34-118				
Atrazine	0.549	0.0417	"	0.833		65.9	26-112				
Benzaldehyde	0.655	0.0417	"	0.833		78.6	21-100				
Benzo(a)anthracene	0.722	0.0417	"	0.833		86.6	32-122				
Benzo(a)pyrene	0.729	0.0417	"	0.833		87.4	29-133				
Benzo(b)fluoranthene	0.738	0.0417	"	0.833		88.5	25-133				
Benzo(g,h,i)perylene	0.697	0.0417	"	0.833		83.6	10-143				
Benzo(k)fluoranthene	0.713	0.0417	"	0.833		85.6	25-128				
Benzoic acid	0.399	0.0417	"	0.833		47.9	10-140				
Benzyl alcohol	0.660	0.0417	"	0.833		79.2	30-115				
Benzyl butyl phthalate	0.779	0.0417	"	0.833		93.4	26-126				
Bis(2-chloroethoxy)methane	0.645	0.0417	"	0.833		77.4	19-132				
Bis(2-chloroethyl)ether	0.575	0.0417	"	0.833		69.0	19-125				
Bis(2-chloroisopropyl)ether	0.631	0.0417	"	0.833		75.7	20-135				
Bis(2-ethylhexyl)phthalate	0.749	0.0417	"	0.833		89.9	10-155				
Caprolactam	0.650	0.0833	"	0.833		78.0	10-127				
Carbazole	0.699	0.0417	"	0.833		83.9	35-123				
Chrysene	0.690	0.0417	"	0.833		82.8	32-123				
Dibenzo(a,h)anthracene	0.772	0.0417	"	0.833		92.6	10-136				
Dibenzofuran	0.668	0.0417	"	0.833		80.2	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

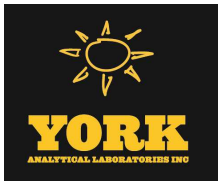
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01326 - EPA 3550C											
LCS (BD01326-BS1) LCS									Prepared: 04/30/2020 Analyzed: 05/01/2020		
Diethyl phthalate	0.672	0.0417	mg/kg wet	0.833		80.6	34-116				
Dimethyl phthalate	0.690	0.0417	"	0.833		82.8	35-124				
Di-n-butyl phthalate	0.734	0.0417	"	0.833		88.1	31-116				
Di-n-octyl phthalate	0.763	0.0417	"	0.833		91.6	26-136				
Diphenylamine	0.681	0.0833	"	0.833		81.7	40-140				
Fluoranthene	0.742	0.0417	"	0.833		89.1	33-122				
Fluorene	0.662	0.0417	"	0.833		79.4	29-123				
Hexachlorobenzene	0.629	0.0417	"	0.833		75.5	21-124				
Hexachlorobutadiene	0.702	0.0417	"	0.833		84.2	10-149				
Hexachlorocyclopentadiene	0.672	0.0417	"	0.833		80.6	10-129				
Hexachloroethane	0.576	0.0417	"	0.833		69.2	28-108				
Indeno(1,2,3-cd)pyrene	0.774	0.0417	"	0.833		92.9	10-135				
Isophorone	0.688	0.0417	"	0.833		82.5	20-132				
Naphthalene	0.674	0.0417	"	0.833		80.8	23-124				
Nitrobenzene	0.645	0.0417	"	0.833		77.4	13-132				
N-Nitrosodimethylamine	0.589	0.0417	"	0.833		70.7	11-129				
N-nitroso-di-n-propylamine	0.576	0.0417	"	0.833		69.1	24-119				
N-Nitrosodiphenylamine	0.719	0.0417	"	0.833		86.3	22-152				
Pentachlorophenol	0.729	0.0417	"	0.833		87.4	10-139				
Phenanthrene	0.688	0.0417	"	0.833		82.6	33-123				
Phenol	0.582	0.0417	"	0.833		69.9	23-115				
Pyrene	0.724	0.0417	"	0.833		86.8	32-130				
Pyridine	0.538	0.167	"	0.833		64.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.32*		"	*1.67*		*79.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.24*		"	*1.67*		*74.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.696*		"	*0.833*		*83.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.669*		"	*0.833*		*80.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		"	*1.67*		*95.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.882*		"	*0.833*		*106*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01326 - EPA 3550C											
Matrix Spike (BD01326-MS1) Matrix Spike	*Source sample: 20D0776-01 (SB09_0-2)							Prepared: 04/30/2020 Analyzed: 05/01/2020			
1,1-Biphenyl	0.665	0.0882	mg/kg dry	0.881	ND	75.5	10-130				
1,2,4,5-Tetrachlorobenzene	0.716	0.176	"	0.881	ND	81.3	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.519	0.0882	"	0.881	ND	59.0	10-144				
2,3,4,6-Tetrachlorophenol	0.705	0.176	"	0.881	ND	80.0	30-130				
2,4,5-Trichlorophenol	0.590	0.0882	"	0.881	ND	67.0	10-127				
2,4,6-Trichlorophenol	0.725	0.0882	"	0.881	ND	82.3	10-132				
2,4-Dichlorophenol	0.668	0.0882	"	0.881	ND	75.8	10-128				
2,4-Dimethylphenol	0.547	0.0882	"	0.881	ND	62.1	10-137				
2,4-Dinitrophenol	0.198	0.176	"	0.881	ND	22.5	10-171				
2,4-Dinitrotoluene	0.682	0.0882	"	0.881	ND	77.4	16-135				
2,6-Dinitrotoluene	0.671	0.0882	"	0.881	ND	76.2	18-131				
2-Chloronaphthalene	0.640	0.0882	"	0.881	ND	72.6	10-129				
2-Chlorophenol	0.560	0.0882	"	0.881	ND	63.5	15-116				
2-Methylnaphthalene	0.665	0.0882	"	0.881	ND	75.5	10-147				
2-Methylphenol	0.496	0.0882	"	0.881	ND	56.3	10-136				
2-Nitroaniline	0.670	0.176	"	0.881	ND	76.1	10-137				
2-Nitrophenol	0.651	0.0882	"	0.881	ND	73.8	10-129				
3- & 4-Methylphenols	0.453	0.0882	"	0.881	ND	51.4	10-123				
3,3-Dichlorobenzidine	0.536	0.0882	"	0.881	ND	60.8	10-155				
3-Nitroaniline	0.616	0.176	"	0.881	ND	69.9	12-133				
4,6-Dinitro-2-methylphenol	0.352	0.176	"	0.881	ND	39.9	10-155				
4-Bromophenyl phenyl ether	0.631	0.0882	"	0.881	ND	71.6	14-128				
4-Chloro-3-methylphenol	0.660	0.0882	"	0.881	ND	75.0	10-134				
4-Chloroaniline	0.508	0.0882	"	0.881	ND	57.7	10-145				
4-Chlorophenyl phenyl ether	0.651	0.0882	"	0.881	ND	73.8	14-130				
4-Nitroaniline	0.603	0.176	"	0.881	ND	68.5	10-147				
4-Nitrophenol	0.600	0.176	"	0.881	ND	68.2	10-137				
Acenaphthene	0.630	0.0882	"	0.881	ND	71.5	10-146				
Acenaphthylene	0.603	0.0882	"	0.881	ND	68.4	10-134				
Acetophenone	0.555	0.0882	"	0.881	ND	63.0	10-116				
Aniline	0.517	0.353	"	0.881	ND	58.6	10-123				
Anthracene	0.673	0.0882	"	0.881	ND	76.4	10-142				
Atrazine	0.570	0.0882	"	0.881	ND	64.7	19-115				
Benzaldehyde	0.702	0.0882	"	0.881	ND	79.7	10-125				
Benzo(a)anthracene	0.714	0.0882	"	0.881	0.0773	72.3	10-158				
Benzo(a)pyrene	0.725	0.0882	"	0.881	0.0906	72.0	10-180				
Benzo(b)fluoranthene	0.734	0.0882	"	0.881	0.0794	74.4	10-200				
Benzo(g,h,i)perylene	0.742	0.0882	"	0.881	0.0604	77.4	10-138				
Benzo(k)fluoranthene	0.732	0.0882	"	0.881	0.0625	76.0	10-197				
Benzoic acid	0.0613	0.0882	"	0.881	ND	6.96	10-166	Low Bias			
Benzyl alcohol	0.611	0.0882	"	0.881	ND	69.4	12-124				
Benzyl butyl phthalate	0.735	0.0882	"	0.881	ND	83.4	10-154				
Bis(2-chloroethoxy)methane	0.584	0.0882	"	0.881	ND	66.2	10-132				
Bis(2-chloroethyl)ether	0.558	0.0882	"	0.881	ND	63.3	10-119				
Bis(2-chloroisopropyl)ether	0.581	0.0882	"	0.881	ND	66.0	10-139				
Bis(2-ethylhexyl)phthalate	0.708	0.0882	"	0.881	ND	80.3	10-167				
Caprolactam	0.607	0.176	"	0.881	ND	68.9	10-132				
Carbazole	0.665	0.0882	"	0.881	ND	75.4	10-167				
Chrysene	0.691	0.0882	"	0.881	0.0843	68.8	10-156				
Dibenzo(a,h)anthracene	0.789	0.0882	"	0.881	ND	89.5	10-137				
Dibenzofuran	0.674	0.0882	"	0.881	ND	76.6	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01326 - EPA 3550C											
Matrix Spike (BD01326-MS1) Matrix Spike	*Source sample: 20D0776-01 (SB09_0-2)								Prepared: 04/30/2020 Analyzed: 05/01/2020		
Diethyl phthalate	0.665	0.0882	mg/kg dry	0.881	ND	75.5	20-120				
Dimethyl phthalate	0.665	0.0882	"	0.881	ND	75.5	18-131				
Di-n-butyl phthalate	0.659	0.0882	"	0.881	ND	74.8	10-137				
Di-n-octyl phthalate	0.701	0.0882	"	0.881	ND	79.5	10-180				
Diphenylamine	0.605	0.176	"	0.881	ND	68.7	40-140				
Fluoranthene	0.753	0.0882	"	0.881	0.162	67.1	10-160				
Fluorene	0.626	0.0882	"	0.881	ND	71.0	10-157				
Hexachlorobenzene	0.553	0.0882	"	0.881	ND	62.7	10-137				
Hexachlorobutadiene	0.620	0.0882	"	0.881	ND	70.4	10-132				
Hexachlorocyclopentadiene	0.420	0.0882	"	0.881	ND	47.7	10-106				
Hexachloroethane	0.562	0.0882	"	0.881	ND	63.8	10-110				
Indeno(1,2,3-cd)pyrene	0.789	0.0882	"	0.881	0.0667	81.9	10-144				
Isophorone	0.658	0.0882	"	0.881	ND	74.6	10-132				
Naphthalene	0.634	0.0882	"	0.881	ND	71.9	10-141				
Nitrobenzene	0.584	0.0882	"	0.881	ND	66.2	10-131				
N-Nitrosodimethylamine	0.556	0.0882	"	0.881	ND	63.1	10-126				
N-nitroso-di-n-propylamine	0.567	0.0882	"	0.881	ND	64.4	10-125				
N-Nitrosodiphenylamine	0.691	0.0882	"	0.881	ND	78.5	10-177				
Pentachlorophenol	0.422	0.0882	"	0.881	ND	47.9	10-153				
Phenanthrene	0.696	0.0882	"	0.881	0.0878	69.0	10-148				
Phenol	0.557	0.0882	"	0.881	ND	63.2	10-126				
Pyrene	0.751	0.0882	"	0.881	0.139	69.5	10-165				
Pyridine	0.431	0.353	"	0.881	ND	48.9	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.36*		"	*1.76*		*77.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.29*		"	*1.76*		*73.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.739*		"	*0.881*		*83.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.742*		"	*0.881*		*84.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.69*		"	*1.76*		*96.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.918*		"	*0.881*		*104*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01326 - EPA 3550C											
Matrix Spike Dup (BD01326-M Matrix Spike Dup	*Source sample: 20D0776-01 (SB09_0-2)								Prepared: 04/30/2020 Analyzed: 05/01/2020		
1,1-Biphenyl	0.637	0.0882	mg/kg dry	0.881	ND	72.3	10-130		4.33	30	
1,2,4,5-Tetrachlorobenzene	0.752	0.176	"	0.881	ND	85.4	10-133		4.90	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.531	0.0882	"	0.881	ND	60.3	10-144		2.28	30	
2,3,4,6-Tetrachlorophenol	0.624	0.176	"	0.881	ND	70.9	30-130		12.1	30	
2,4,5-Trichlorophenol	0.601	0.0882	"	0.881	ND	68.2	10-127		1.89	30	
2,4,6-Trichlorophenol	0.675	0.0882	"	0.881	ND	76.6	10-132		7.15	30	
2,4-Dichlorophenol	0.710	0.0882	"	0.881	ND	80.6	10-128		6.04	30	
2,4-Dimethylphenol	0.596	0.0882	"	0.881	ND	67.6	10-137		8.51	30	
2,4-Dinitrophenol	0.124	0.176	"	0.881	ND	14.1	10-171		46.0	30	Non-dir.
2,4-Dinitrotoluene	0.684	0.0882	"	0.881	ND	77.6	16-135		0.206	30	
2,6-Dinitrotoluene	0.710	0.0882	"	0.881	ND	80.6	18-131		5.62	30	
2-Chloronaphthalene	0.632	0.0882	"	0.881	ND	71.8	10-129		1.22	30	
2-Chlorophenol	0.611	0.0882	"	0.881	ND	69.4	15-116		8.79	30	
2-Methylnaphthalene	0.695	0.0882	"	0.881	ND	78.9	10-147		4.35	30	
2-Methylphenol	0.546	0.0882	"	0.881	ND	62.0	10-136		9.60	30	
2-Nitroaniline	0.703	0.176	"	0.881	ND	79.8	10-137		4.82	30	
2-Nitrophenol	0.695	0.0882	"	0.881	ND	78.9	10-129		6.60	30	
3- & 4-Methylphenols	0.478	0.0882	"	0.881	ND	54.2	10-123		5.30	30	
3,3-Dichlorobenzidine	0.559	0.0882	"	0.881	ND	63.4	10-155		4.25	30	
3-Nitroaniline	0.593	0.176	"	0.881	ND	67.3	12-133		3.85	30	
4,6-Dinitro-2-methylphenol	0.347	0.176	"	0.881	ND	39.4	10-155		1.21	30	
4-Bromophenyl phenyl ether	0.628	0.0882	"	0.881	ND	71.3	14-128		0.448	30	
4-Chloro-3-methylphenol	0.665	0.0882	"	0.881	ND	75.5	10-134		0.744	30	
4-Chloroaniline	0.544	0.0882	"	0.881	ND	61.8	10-145		6.83	30	
4-Chlorophenyl phenyl ether	0.672	0.0882	"	0.881	ND	76.3	14-130		3.30	30	
4-Nitroaniline	0.637	0.176	"	0.881	ND	72.3	10-147		5.45	30	
4-Nitrophenol	0.634	0.176	"	0.881	ND	71.9	10-137		5.37	30	
Acenaphthene	0.647	0.0882	"	0.881	ND	73.4	10-146		2.65	30	
Acenaphthylene	0.607	0.0882	"	0.881	ND	68.9	10-134		0.699	30	
Acetophenone	0.584	0.0882	"	0.881	ND	66.3	10-116		5.07	30	
Aniline	0.538	0.353	"	0.881	ND	61.0	10-123		4.01	30	
Anthracene	0.715	0.0882	"	0.881	ND	81.1	10-142		5.99	30	
Atrazine	0.560	0.0882	"	0.881	ND	63.6	19-115		1.75	30	
Benzaldehyde	0.688	0.0882	"	0.881	ND	78.1	10-125		2.03	30	
Benzo(a)anthracene	0.763	0.0882	"	0.881	0.0773	77.8	10-158		6.59	30	
Benzo(a)pyrene	0.809	0.0882	"	0.881	0.0906	81.6	10-180		10.9	30	
Benzo(b)fluoranthene	0.808	0.0882	"	0.881	0.0794	82.7	10-200		9.51	30	
Benzo(g,h,i)perylene	0.772	0.0882	"	0.881	0.0604	80.8	10-138		4.00	30	
Benzo(k)fluoranthene	0.754	0.0882	"	0.881	0.0625	78.5	10-197		2.94	30	
Benzoic acid	0.0634	0.0882	"	0.881	ND	7.20	10-166	Low Bias	3.39	30	
Benzyl alcohol	0.648	0.0882	"	0.881	ND	73.5	12-124		5.82	30	
Benzyl butyl phthalate	0.744	0.0882	"	0.881	ND	84.5	10-154		1.24	30	
Bis(2-chloroethoxy)methane	0.608	0.0882	"	0.881	ND	69.0	10-132		4.14	30	
Bis(2-chloroethyl)ether	0.558	0.0882	"	0.881	ND	63.4	10-119		0.126	30	
Bis(2-chloroisopropyl)ether	0.608	0.0882	"	0.881	ND	69.0	10-139		4.50	30	
Bis(2-ethylhexyl)phthalate	0.757	0.0882	"	0.881	ND	85.9	10-167		6.74	30	
Caprolactam	0.584	0.176	"	0.881	ND	66.3	10-132		3.79	30	
Carbazole	0.709	0.0882	"	0.881	ND	80.5	10-167		6.46	30	
Chrysene	0.729	0.0882	"	0.881	0.0843	73.2	10-156		5.46	30	
Dibenzo(a,h)anthracene	0.795	0.0882	"	0.881	ND	90.2	10-137		0.801	30	
Dibenzofuran	0.667	0.0882	"	0.881	ND	75.7	10-147		1.16	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01326 - EPA 3550C											
Matrix Spike Dup (BD01326-M Matrix Spike Dup	*Source sample: 20D0776-01 (SB09_0-2)								Prepared: 04/30/2020 Analyzed: 05/01/2020		
Diethyl phthalate	0.664	0.0882	mg/kg dry	0.881	ND	75.4	20-120		0.212	30	
Dimethyl phthalate	0.660	0.0882	"	0.881	ND	75.0	18-131		0.744	30	
Di-n-butyl phthalate	0.734	0.0882	"	0.881	ND	83.4	10-137		10.8	30	
Di-n-octyl phthalate	0.758	0.0882	"	0.881	ND	86.1	10-180		7.92	30	
Diphenylamine	0.707	0.176	"	0.881	ND	80.2	40-140		15.5	30	
Fluoranthene	0.831	0.0882	"	0.881	0.162	76.0	10-160		9.88	30	
Fluorene	0.653	0.0882	"	0.881	ND	74.2	10-157		4.30	30	
Hexachlorobenzene	0.639	0.0882	"	0.881	ND	72.6	10-137		14.5	30	
Hexachlorobutadiene	0.688	0.0882	"	0.881	ND	78.1	10-132		10.3	30	
Hexachlorocyclopentadiene	0.395	0.0882	"	0.881	ND	44.9	10-106		6.05	30	
Hexachloroethane	0.581	0.0882	"	0.881	ND	66.0	10-110		3.45	30	
Indeno(1,2,3-cd)pyrene	0.807	0.0882	"	0.881	0.0667	84.0	10-144		2.30	30	
Isophorone	0.670	0.0882	"	0.881	ND	76.1	10-132		1.91	30	
Naphthalene	0.643	0.0882	"	0.881	ND	73.0	10-141		1.44	30	
Nitrobenzene	0.627	0.0882	"	0.881	ND	71.2	10-131		7.22	30	
N-Nitrosodimethylamine	0.603	0.0882	"	0.881	ND	68.4	10-126		8.03	30	
N-nitroso-di-n-propylamine	0.593	0.0882	"	0.881	ND	67.3	10-125		4.37	30	
N-Nitrosodiphenylamine	0.731	0.0882	"	0.881	ND	83.0	10-177		5.55	30	
Pentachlorophenol	0.407	0.0882	"	0.881	ND	46.2	10-153		3.74	30	
Phenanthrene	0.768	0.0882	"	0.881	0.0878	77.2	10-148		9.83	30	
Phenol	0.582	0.0882	"	0.881	ND	66.1	10-126		4.46	30	
Pyrene	0.812	0.0882	"	0.881	0.139	76.4	10-165		7.75	30	
Pyridine	0.391	0.353	"	0.881	ND	44.4	10-83		9.61	30	
Surrogate: SURR: 2-Fluorophenol	*1.30*		"	*1.76*		*74.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.31*		"	*1.76*		*74.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.722*		"	*0.881*		*82.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.692*		"	*0.881*		*78.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.59*		"	*1.76*		*90.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.896*		"	*0.881*		*102*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

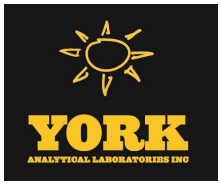
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00003 - EPA 3550C											
Blank (BE00003-BLK1) Blank									Prepared & Analyzed: 05/01/2020		
1,1-Biphenyl	ND	0.0414	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0827	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0414	"								
2,3,4,6-Tetrachlorophenol	ND	0.0827	"								
2,4,5-Trichlorophenol	ND	0.0414	"								
2,4,6-Trichlorophenol	ND	0.0414	"								
2,4-Dichlorophenol	ND	0.0414	"								
2,4-Dimethylphenol	ND	0.0414	"								
2,4-Dinitrophenol	ND	0.0827	"								
2,4-Dinitrotoluene	ND	0.0414	"								
2,6-Dinitrotoluene	ND	0.0414	"								
2-Chloronaphthalene	ND	0.0414	"								
2-Chlorophenol	ND	0.0414	"								
2-Methylnaphthalene	ND	0.0414	"								
2-Methylphenol	ND	0.0414	"								
2-Nitroaniline	ND	0.0827	"								
2-Nitrophenol	ND	0.0414	"								
3- & 4-Methylphenols	ND	0.0414	"								
3,3-Dichlorobenzidine	ND	0.0414	"								
3-Nitroaniline	ND	0.0827	"								
4,6-Dinitro-2-methylphenol	ND	0.0827	"								
4-Bromophenyl phenyl ether	ND	0.0414	"								
4-Chloro-3-methylphenol	ND	0.0414	"								
4-Chloroaniline	ND	0.0414	"								
4-Chlorophenyl phenyl ether	ND	0.0414	"								
4-Nitroaniline	ND	0.0827	"								
4-Nitrophenol	ND	0.0827	"								
Acenaphthene	ND	0.0414	"								
Acenaphthylene	ND	0.0414	"								
Acetophenone	ND	0.0414	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0414	"								
Atrazine	ND	0.0414	"								
Benzaldehyde	ND	0.0414	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0414	"								
Benzo(a)pyrene	ND	0.0414	"								
Benzo(b)fluoranthene	ND	0.0414	"								
Benzo(g,h,i)perylene	ND	0.0414	"								
Benzo(k)fluoranthene	ND	0.0414	"								
Benzoic acid	ND	0.0414	"								
Benzyl alcohol	ND	0.0414	"								
Benzyl butyl phthalate	ND	0.0414	"								
Bis(2-chloroethoxy)methane	ND	0.0414	"								
Bis(2-chloroethyl)ether	ND	0.0414	"								
Bis(2-chloroisopropyl)ether	ND	0.0414	"								
Bis(2-ethylhexyl)phthalate	ND	0.0414	"								
Caprolactam	ND	0.0827	"								
Carbazole	ND	0.0414	"								
Chrysene	ND	0.0414	"								
Dibenzo(a,h)anthracene	ND	0.0414	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00003 - EPA 3550C											
Blank (BE00003-BLK1) Blank									Prepared & Analyzed: 05/01/2020		
Dibenzofuran	ND	0.0414	mg/kg wet								
Diethyl phthalate	ND	0.0414	"								
Dimethyl phthalate	ND	0.0414	"								
Di-n-butyl phthalate	ND	0.0414	"								
Di-n-octyl phthalate	ND	0.0414	"								
Diphenylamine	ND	0.0827	"								
Fluoranthene	ND	0.0414	"								
Fluorene	ND	0.0414	"								
Hexachlorobenzene	ND	0.0414	"								
Hexachlorobutadiene	ND	0.0414	"								
Hexachlorocyclopentadiene	ND	0.0414	"								
Hexachloroethane	ND	0.0414	"								
Indeno(1,2,3-cd)pyrene	ND	0.0414	"								
Isophorone	ND	0.0414	"								
Naphthalene	ND	0.0414	"								
Nitrobenzene	ND	0.0414	"								
N-Nitrosodimethylamine	ND	0.0414	"								
N-nitroso-di-n-propylamine	ND	0.0414	"								
N-Nitrosodiphenylamine	ND	0.0414	"								
Pentachlorophenol	ND	0.0414	"								
Phenanthrene	ND	0.0414	"								
Phenol	ND	0.0414	"								
Pyrene	ND	0.0414	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.908*		"	*1.66*		*54.8*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.909*		"	*1.66*		*54.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.559*		"	*0.828*		*67.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.451*		"	*0.828*		*54.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.14*		"	*1.66*		*68.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.635*		"	*0.828*		*76.7*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00003 - EPA 3550C											
LCS (BE00003-BS1) LCS							Prepared & Analyzed: 05/01/2020				
1,1-Biphenyl	0.470	0.0414	mg/kg wet	0.828		56.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.299	0.0827	"	0.828		36.1	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.287	0.0414	"	0.828		34.7	17-137				
2,3,4,6-Tetrachlorophenol	0.241	0.0827	"	0.828		29.2	30-130	Low Bias			
2,4,5-Trichlorophenol	0.245	0.0414	"	0.828		29.6	27-118				
2,4,6-Trichlorophenol	0.262	0.0414	"	0.828		31.6	31-120				
2,4-Dichlorophenol	0.281	0.0414	"	0.828		34.0	20-127				
2,4-Dimethylphenol	0.251	0.0414	"	0.828		30.3	14-132				
2,4-Dinitrophenol	0.268	0.0827	"	0.828		32.3	10-171				
2,4-Dinitrotoluene	0.359	0.0414	"	0.828		43.4	34-131				
2,6-Dinitrotoluene	0.388	0.0414	"	0.828		46.8	31-128				
2-Chloronaphthalene	0.250	0.0414	"	0.828		30.2	31-117	Low Bias			
2-Chlorophenol	0.261	0.0414	"	0.828		31.5	33-113	Low Bias			
2-Methylnaphthalene	0.293	0.0414	"	0.828		35.4	12-138				
2-Methylphenol	0.225	0.0414	"	0.828		27.2	10-136				
2-Nitroaniline	0.359	0.0827	"	0.828		43.4	27-132				
2-Nitrophenol	0.330	0.0414	"	0.828		39.8	17-129				
3- & 4-Methylphenols	0.213	0.0414	"	0.828		25.7	29-103	Low Bias			
3,3-Dichlorobenzidine	0.316	0.0414	"	0.828		38.1	22-149				
3-Nitroaniline	0.303	0.0827	"	0.828		36.6	20-133				
4,6-Dinitro-2-methylphenol	0.327	0.0827	"	0.828		39.6	10-143				
4-Bromophenyl phenyl ether	0.274	0.0414	"	0.828		33.0	29-120				
4-Chloro-3-methylphenol	0.280	0.0414	"	0.828		33.8	24-129				
4-Chloroaniline	0.176	0.0414	"	0.828		21.2	10-132				
4-Chlorophenyl phenyl ether	0.267	0.0414	"	0.828		32.2	27-124				
4-Nitroaniline	0.349	0.0827	"	0.828		42.2	16-128				
4-Nitrophenol	0.255	0.0827	"	0.828		30.8	10-141				
Acenaphthene	0.260	0.0414	"	0.828		31.4	30-121				
Acenaphthylene	0.255	0.0414	"	0.828		30.8	30-115				
Acetophenone	0.467	0.0414	"	0.828		56.4	20-112				
Aniline	0.207	0.166	"	0.828		25.0	10-119				
Anthracene	0.288	0.0414	"	0.828		34.8	34-118				
Atrazine	0.535	0.0414	"	0.828		64.7	26-112				
Benzaldehyde	0.506	0.0414	"	0.828		61.1	21-100				
Benzo(a)anthracene	0.273	0.0414	"	0.828		33.0	32-122				
Benzo(a)pyrene	0.281	0.0414	"	0.828		34.0	29-133				
Benzo(b)fluoranthene	0.288	0.0414	"	0.828		34.8	25-133				
Benzo(g,h,i)perylene	0.275	0.0414	"	0.828		33.2	10-143				
Benzo(k)fluoranthene	0.282	0.0414	"	0.828		34.1	25-128				
Benzoic acid	0.0483	0.0414	"	0.828		5.84	10-140	Low Bias			
Benzyl alcohol	0.285	0.0414	"	0.828		34.4	30-115				
Benzyl butyl phthalate	0.274	0.0414	"	0.828		33.1	26-126				
Bis(2-chloroethoxy)methane	0.265	0.0414	"	0.828		32.0	19-132				
Bis(2-chloroethyl)ether	0.254	0.0414	"	0.828		30.6	19-125				
Bis(2-chloroisopropyl)ether	0.282	0.0414	"	0.828		34.1	20-135				
Bis(2-ethylhexyl)phthalate	0.281	0.0414	"	0.828		34.0	10-155				
Caprolactam	0.532	0.0827	"	0.828		64.3	10-127				
Carbazole	0.274	0.0414	"	0.828		33.1	35-123	Low Bias			
Chrysene	0.274	0.0414	"	0.828		33.1	32-123				
Dibenzo(a,h)anthracene	0.312	0.0414	"	0.828		37.7	10-136				
Dibenzofuran	0.281	0.0414	"	0.828		33.9	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00003 - EPA 3550C											
LCS (BE00003-BS1) LCS								Prepared & Analyzed: 05/01/2020			
Diethyl phthalate	0.260	0.0414	mg/kg wet	0.828		31.4	34-116	Low Bias			
Dimethyl phthalate	0.269	0.0414	"	0.828		32.5	35-124	Low Bias			
Di-n-butyl phthalate	0.284	0.0414	"	0.828		34.4	31-116				
Di-n-octyl phthalate	0.296	0.0414	"	0.828		35.8	26-136				
Diphenylamine	0.325	0.0827	"	0.828		39.2	40-140	Low Bias			
Fluoranthene	0.282	0.0414	"	0.828		34.1	33-122				
Fluorene	0.270	0.0414	"	0.828		32.6	29-123				
Hexachlorobenzene	0.309	0.0414	"	0.828		37.4	21-124				
Hexachlorobutadiene	0.266	0.0414	"	0.828		32.2	10-149				
Hexachlorocyclopentadiene	0.200	0.0414	"	0.828		24.1	10-129				
Hexachloroethane	0.231	0.0414	"	0.828		28.0	28-108				
Indeno(1,2,3-cd)pyrene	0.283	0.0414	"	0.828		34.2	10-135				
Isophorone	0.272	0.0414	"	0.828		32.8	20-132				
Naphthalene	0.275	0.0414	"	0.828		33.2	23-124				
Nitrobenzene	0.281	0.0414	"	0.828		34.0	13-132				
N-Nitrosodimethylamine	0.241	0.0414	"	0.828		29.2	11-129				
N-nitroso-di-n-propylamine	0.243	0.0414	"	0.828		29.3	24-119				
N-Nitrosodiphenylamine	0.327	0.0414	"	0.828		39.5	22-152				
Pentachlorophenol	0.221	0.0414	"	0.828		26.7	10-139				
Phenanthrene	0.287	0.0414	"	0.828		34.6	33-123				
Phenol	0.283	0.0414	"	0.828		34.2	23-115				
Pyrene	0.275	0.0414	"	0.828		33.2	32-130				
Pyridine	0.199	0.166	"	0.828		24.1	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.07*		"	*1.66*		*64.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.12*		"	*1.66*		*67.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.658*		"	*0.828*		*79.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.556*		"	*0.828*		*67.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.34*		"	*1.66*		*80.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.658*		"	*0.828*		*79.5*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01291 - EPA SW846-3510C Low Level											
Blank (BD01291-BLK1) Blank									Prepared: 04/30/2020 Analyzed: 05/01/2020		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Tetrachloro-m-xylene	*0.150*		*"*	*0.200*		*75.0*	*30-150*				
LCS (BD01291-BS1) LCS									Prepared: 04/30/2020 Analyzed: 05/01/2020		
4,4'-DDD	0.0870	0.00400	ug/L	0.100		87.0	40-140				
4,4'-DDE	0.0906	0.00400	"	0.100		90.6	40-140				
4,4'-DDT	0.0945	0.00400	"	0.100		94.5	40-140				
Aldrin	0.0608	0.00400	"	0.100		60.8	40-140				
alpha-BHC	0.0636	0.00400	"	0.100		63.6	40-140				
alpha-Chlordane	0.0763	0.00400	"	0.100		76.3	40-140				
beta-BHC	0.0768	0.00400	"	0.100		76.8	40-140				
delta-BHC	0.0876	0.00400	"	0.100		87.6	40-140				
Dieldrin	0.0836	0.00200	"	0.100		83.6	40-140				
Endosulfan I	0.0793	0.00400	"	0.100		79.3	40-140				
Endosulfan II	0.0906	0.00400	"	0.100		90.6	40-140				
Endosulfan sulfate	0.0992	0.00400	"	0.100		99.2	40-140				
Endrin	0.0853	0.00400	"	0.100		85.3	40-140				
Endrin aldehyde	0.0908	0.0100	"	0.100		90.8	40-140				
Endrin ketone	0.0882	0.0100	"	0.100		88.2	40-140				
gamma-BHC (Lindane)	0.0695	0.00400	"	0.100		69.5	40-140				
gamma-Chlordane	0.0775	0.0100	"	0.100		77.5	40-140				
Heptachlor	0.0768	0.00400	"	0.100		76.8	40-140				
Heptachlor epoxide	0.0780	0.00400	"	0.100		78.0	40-140				
Methoxychlor	0.0856	0.00400	"	0.100		85.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.129*		*"*	*0.200*		*64.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01291 - EPA SW846-3510C Low Level											
LCS Dup (BD01291-BSD1) LCS Dup									Prepared: 04/30/2020 Analyzed: 05/01/2020		
4,4'-DDD	0.0832	0.00400	ug/L	0.100		83.2	40-140		4.45	20	
4,4'-DDE	0.0923	0.00400	"	0.100		92.3	40-140		1.89	20	
4,4'-DDT	0.0882	0.00400	"	0.100		88.2	40-140		6.97	20	
Aldrin	0.0665	0.00400	"	0.100		66.5	40-140		8.93	20	
alpha-BHC	0.0649	0.00400	"	0.100		64.9	40-140		2.09	20	
alpha-Chlordane	0.0780	0.00400	"	0.100		78.0	40-140		2.21	20	
beta-BHC	0.0753	0.00400	"	0.100		75.3	40-140		2.02	20	
delta-BHC	0.0881	0.00400	"	0.100		88.1	40-140		0.532	20	
Dieldrin	0.0861	0.00200	"	0.100		86.1	40-140		2.90	20	
Endosulfan I	0.0824	0.00400	"	0.100		82.4	40-140		3.83	20	
Endosulfan II	0.0870	0.00400	"	0.100		87.0	40-140		4.06	20	
Endosulfan sulfate	0.0928	0.00400	"	0.100		92.8	40-140		6.70	20	
Endrin	0.0847	0.00400	"	0.100		84.7	40-140		0.705	20	
Endrin aldehyde	0.0879	0.0100	"	0.100		87.9	40-140		3.25	20	
Endrin ketone	0.0836	0.0100	"	0.100		83.6	40-140		5.34	20	
gamma-BHC (Lindane)	0.0710	0.00400	"	0.100		71.0	40-140		2.09	20	
gamma-Chlordane	0.0809	0.0100	"	0.100		80.9	40-140		4.33	20	
Heptachlor	0.0791	0.00400	"	0.100		79.1	40-140		2.95	20	
Heptachlor epoxide	0.0818	0.00400	"	0.100		81.8	40-140		4.79	20	
Methoxychlor	0.0831	0.00400	"	0.100		83.1	40-140		2.86	20	
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.200*		*66.2*	*30-150*				
Batch BD01325 - EPA 3550C											
Blank (BD01325-BLK1) Blank									Prepared: 04/30/2020 Analyzed: 05/01/2020		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0528*		*"*	*0.0664*		*79.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0540*		*"*	*0.0664*		*81.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01325 - EPA 3550C											
LCS (BD01325-BS1) LCS									Prepared: 04/30/2020 Analyzed: 05/01/2020		
4,4'-DDD	0.0278	0.00164	mg/kg wet	0.0332		83.6	40-140				
4,4'-DDE	0.0296	0.00164	"	0.0332		89.1	40-140				
4,4'-DDT	0.0264	0.00164	"	0.0332		79.6	40-140				
Aldrin	0.0300	0.00164	"	0.0332		90.4	40-140				
alpha-BHC	0.0280	0.00164	"	0.0332		84.3	40-140				
alpha-Chlordane	0.0296	0.00164	"	0.0332		89.1	40-140				
beta-BHC	0.0278	0.00164	"	0.0332		83.6	40-140				
delta-BHC	0.0305	0.00164	"	0.0332		91.8	40-140				
Dieldrin	0.0300	0.00164	"	0.0332		90.3	40-140				
Endosulfan I	0.0304	0.00164	"	0.0332		91.5	40-140				
Endosulfan II	0.0288	0.00164	"	0.0332		86.7	40-140				
Endosulfan sulfate	0.0320	0.00164	"	0.0332		96.4	40-140				
Endrin	0.0300	0.00164	"	0.0332		90.4	40-140				
Endrin aldehyde	0.0319	0.00164	"	0.0332		96.1	40-140				
Endrin ketone	0.0288	0.00164	"	0.0332		86.8	40-140				
gamma-BHC (Lindane)	0.0294	0.00164	"	0.0332		88.5	40-140				
gamma-Chlordane	0.0286	0.00164	"	0.0332		86.0	40-140				
Heptachlor	0.0308	0.00164	"	0.0332		92.7	40-140				
Heptachlor epoxide	0.0305	0.00164	"	0.0332		91.9	40-140				
Methoxychlor	0.0290	0.00164	"	0.0332		87.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0478*		*"*	*0.0664*		*71.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0500*		*"*	*0.0664*		*75.2*	*30-150*				
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-P Performance Mix									Prepared & Analyzed: 03/08/2020		
4,4'-DDD	4.80		ng/mL	0.00			0-200				
4,4'-DDE	0.964		"	0.00			0-200				
4,4'-DDT	206		"	200		103	0-200				
Endrin	98.0		"	100		98.0	0-200				
Endrin aldehyde	0.511		"	0.00			0-200				
Endrin ketone	3.00		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0E0407 - BD01095											
Performance Mix (Y0E0407-P Performance Mix										Prepared & Analyzed: 05/01/2020	
4,4'-DDD	6.20		ng/mL	0.00			0-200				
4,4'-DDE	1.36		"	0.00			0-200				
4,4'-DDT	191		"	200		95.5	0-200				
Endrin	97.6		"	100		97.6	0-200				
Endrin aldehyde	1.47		"	0.00			0-200				
Endrin ketone	2.71		"	0.00			0-200				
Batch Y0E0501 - BD01095											
Performance Mix (Y0E0501-P Performance Mix										Prepared & Analyzed: 05/04/2020	
4,4'-DDD	6.91		ng/mL	0.00			0-200				
4,4'-DDE	1.42		"	0.00			0-200				
4,4'-DDT	185		"	200		92.3	0-200				
Endrin	96.8		"	100		96.8	0-200				
Endrin aldehyde	1.49		"	0.00			0-200				
Endrin ketone	2.72		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01291 - EPA SW846-3510C Low Level											
Blank (BD01291-BLK2) Blank								Prepared & Analyzed: 04/30/2020			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1262	ND	0.0500	"								
Aroclor 1268	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.178*		"	*0.200*		*89.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.154*		"	*0.200*		*77.0*	*30-120*				
LCS (BD01291-BS2) LCS								Prepared & Analyzed: 04/30/2020			
Aroclor 1016	0.657	0.0500	ug/L	1.00		65.7	40-120				
Aroclor 1260	0.902	0.0500	"	1.00		90.2	40-120				
Surrogate: Tetrachloro-m-xylene	*0.163*		"	*0.200*		*81.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.104*		"	*0.200*		*52.0*	*30-120*				
LCS Dup (BD01291-BSD2) LCS Dup								Prepared & Analyzed: 04/30/2020			
Aroclor 1016	0.788	0.0500	ug/L	1.00		78.8	40-120		18.1	30	
Aroclor 1260	0.960	0.0500	"	1.00		96.0	40-120		6.19	30	
Surrogate: Tetrachloro-m-xylene	*0.161*		"	*0.200*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.134*		"	*0.200*		*67.0*	*30-120*				
Batch BD01325 - EPA 3550C											
Blank (BD01325-BLK2) Blank								Prepared: 04/30/2020 Analyzed: 05/01/2020			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0488*		"	*0.0664*		*73.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0535*		"	*0.0664*		*80.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01325 - EPA 3550C											
LCS (BD01325-BS2) LCS									Prepared: 04/30/2020 Analyzed: 05/01/2020		
Aroclor 1016	0.247	0.0166	mg/kg wet	0.332		74.3	40-140			30	
Aroclor 1260	0.324	0.0166	"	0.332		97.4	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0525*		*"*	*0.0664*		*79.0*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01217 - EPA 8151A											
Blank (BD01217-BLK1) Blank								Prepared & Analyzed: 04/29/2020			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*130*		*"*	*125*		*104*	*30-150*				
LCS (BD01217-BS1) LCS								Prepared & Analyzed: 04/29/2020			
2,4,5-T	31.5	5.00	ug/L	40.0		78.8	10-140				
2,4,5-TP (Silvex)	35.2	5.00	"	40.0		88.1	10-139				
2,4-D	34.8	5.00	"	40.0		86.9	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*134*		*"*	*125*		*107*	*30-150*				
LCS Dup (BD01217-BSD1) LCS Dup								Prepared & Analyzed: 04/29/2020			
2,4,5-T	30.8	5.00	ug/L	40.0		76.9	10-140		2.41	30	
2,4,5-TP (Silvex)	34.8	5.00	"	40.0		86.9	10-139		1.43	30	
2,4-D	34.2	5.00	"	40.0		85.6	10-140		1.45	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*132*		*"*	*125*		*106*	*30-150*				
Batch BE00001 - EPA 3550C/8151A											
Blank (BE00001-BLK1) Blank								Prepared & Analyzed: 05/01/2020			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.547*		*"*	*0.498*		*110*	*21-150*				
LCS (BE00001-BS1) LCS								Prepared & Analyzed: 05/01/2020			
2,4,5-T	0.156	0.0199	mg/kg wet	0.159		98.1	10-120				
2,4,5-TP (Silvex)	0.176	0.0199	"	0.159		111	10-120				
2,4-D	0.172	0.0199	"	0.159		108	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.548*		*"*	*0.498*		*110*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01240 - EPA 3050B											
Blank (BD01240-BLK1) Blank									Prepared: 04/29/2020 Analyzed: 05/01/2020		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BD01240-DUP1) Duplicate *Source sample: 20D0776-09 (SB08_13-15)									Prepared: 04/29/2020 Analyzed: 05/01/2020		
Aluminum	4090	7.22	mg/kg dry		3910				4.54	35	
Antimony	ND	3.61	"		ND					35	
Arsenic	2.96	2.16	"		4.90				49.5	35	Non-dir.
Barium	416	3.61	"		442				5.99	35	
Beryllium	ND	0.072	"		ND					35	
Cadmium	ND	0.433	"		ND					35	
Calcium	29100	7.22	"		29400				1.06	35	
Chromium	26.4	0.722	"		20.0				27.8	35	
Cobalt	9.92	0.577	"		8.18				19.2	35	
Copper	23.1	2.89	"		26.5				13.7	35	
Iron	11000	36.1	"		10700				2.62	35	
Lead	1630	0.722	"		2080				24.4	35	
Magnesium	8550	7.22	"		8090				5.50	35	
Manganese	232	0.722	"		217				6.62	35	
Nickel	182	1.44	"		114				46.0	35	Non-dir.
Potassium	854	7.22	"		765				11.1	35	
Selenium	ND	3.61	"		ND					35	
Silver	ND	0.722	"		ND					35	
Sodium	237	72.2	"		205				14.3	35	
Thallium	ND	3.61	"		ND					35	
Vanadium	15.9	1.44	"		18.1				12.9	35	
Zinc	286	3.61	"		291				1.91	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01240 - EPA 3050B											
Matrix Spike (BD01240-MS1) Matrix Spike	*Source sample: 20D0776-09 (SB08_13-15)							Prepared: 04/29/2020 Analyzed: 05/01/2020			
Aluminum	4450	7.22	mg/kg dry	289	3910	186	75-125	High Bias			
Antimony	9.53	3.61	"	36.1	ND	26.4	75-125	Low Bias			
Arsenic	294	2.16	"	289	4.90	100	75-125				
Barium	694	3.61	"	289	442	87.2	75-125				
Beryllium	5.47	0.072	"	7.22	ND	75.9	75-125				
Cadmium	7.36	0.433	"	7.22	ND	102	75-125				
Calcium	41000	7.22	"	144	29400	NR	75-125	High Bias			
Chromium	49.6	0.722	"	28.9	20.0	103	75-125				
Cobalt	78.7	0.577	"	72.2	8.18	97.7	75-125				
Copper	62.9	2.89	"	36.1	26.5	101	75-125				
Iron	12100	36.1	"	144	10700	909	75-125	High Bias			
Lead	1800	0.722	"	72.2	2080	NR	75-125	Low Bias			
Magnesium	11000	7.22	"	144	8090	NR	75-125	High Bias			
Manganese	290	0.722	"	72.2	217	101	75-125				
Nickel	196	1.44	"	72.2	114	114	75-125				
Potassium	950	7.22	"	144	765	129	75-125	High Bias			
Selenium	257	3.61	"	289	ND	89.0	75-125				
Silver	4.37	0.722	"	7.22	ND	60.6	75-125	Low Bias			
Sodium	380	72.2	"	144	205	121	75-125				
Thallium	291	3.61	"	289	ND	101	75-125				
Vanadium	80.3	1.44	"	72.2	18.1	86.3	75-125				
Zinc	369	3.61	"	72.2	291	107	75-125				
Post Spike (BD01240-PS1) Post Spike	*Source sample: 20D0776-09 (SB08_13-15)							Prepared: 04/29/2020 Analyzed: 05/01/2020			
Aluminum	30.5		ug/mL	2.00	27.1	171	75-125	High Bias			
Antimony	0.256		"	0.250	-0.002	102	75-125				
Arsenic	2.11		"	2.00	0.034	104	75-125				
Barium	5.21		"	2.00	3.06	107	75-125				
Beryllium	0.042		"	0.0500	-0.008	83.3	75-125				
Cadmium	0.052		"	0.0500	0.001	101	75-125				
Calcium	208		"	1.00	204	448	75-125	High Bias			
Chromium	0.346		"	0.200	0.139	104	75-125				
Cobalt	0.577		"	0.500	0.057	104	75-125				
Copper	0.459		"	0.250	0.183	110	75-125				
Iron	77.0		"	1.00	74.4	256	75-125	High Bias			
Lead	15.1		"	0.500	14.4	144	75-125	High Bias			
Magnesium	57.8		"	1.00	56.1	168	75-125	High Bias			
Manganese	2.07		"	0.500	1.50	114	75-125				
Nickel	1.37		"	0.500	0.791	116	75-125				
Potassium	6.55		"	1.00	5.30	125	75-125				
Selenium	1.88		"	2.00	-0.008	94.0	75-125				
Silver	0.046		"	0.0500	-0.004	92.5	75-125				
Sodium	2.50		"	1.00	1.42	107	75-125				
Thallium	2.06		"	2.00	-0.013	103	75-125				
Vanadium	0.634		"	0.500	0.126	102	75-125				
Zinc	2.52		"	0.500	2.02	99.7	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01240 - EPA 3050B											
Reference (BD01240-SRM1) Reference									Prepared: 04/29/2020 Analyzed: 05/01/2020		
Aluminum	8560	5.00	mg/kg wet	8360		102	50.2-149.5				
Antimony	52.4	2.50	"	89.6		58.5	19.3-258.9				
Arsenic	219	1.50	"	202		109	69.8-130.2				
Barium	296	2.50	"	270		109	75.2-125.2				
Beryllium	99.3	0.050	"	96.8		103	75-125				
Cadmium	148	0.300	"	141		105	74.5-124.8				
Calcium	4850	5.00	"	4700		103	72.6-127.7				
Chromium	176	0.500	"	167		105	70.1-129.9				
Cobalt	191	0.400	"	174		110	74.7-124.7				
Copper	117	2.00	"	108		108	74.7-124.1				
Iron	15100	25.0	"	14700		103	36.4-163.9				
Lead	77.8	0.500	"	73.8		105	68.4-131.6				
Magnesium	2420	5.00	"	2310		105	61.9-138.1				
Manganese	363	0.500	"	330		110	75.2-124.8				
Nickel	110	1.00	"	89.4		123	69.9-129.8				
Potassium	2200	5.00	"	2240		98.2	60.7-139.7				
Selenium	35.0	2.50	"	49.9		70.2	58.1-141.7				
Silver	72.9	0.500	"	71.1		103	70.7-129.3				
Sodium	186	50.0	"	195		95.5	45.5-154.4				
Thallium	60.8	2.50	"	58.5		104	60.9-139.3				
Vanadium	58.3	1.00	"	58.2		100	57.4-142.6				
Zinc	278	2.50	"	264		105	70.1-130.3				
Batch BD01249 - EPA 3015A											
Blank (BD01249-BLK1) Blank									Prepared & Analyzed: 04/29/2020		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01249 - EPA 3015A											
LCS (BD01249-BS1) LCS								Prepared & Analyzed: 04/29/2020			
Aluminum	1.96		ug/mL	2.00		98.0	80-120				
Barium	1.99		"	2.00		99.6	80-120				
Calcium	1.04		"	1.00		104	80-120				
Chromium	0.208		"	0.200		104	80-120				
Cobalt	0.511		"	0.500		102	80-120				
Copper	0.251		"	0.250		100	80-120				
Iron	1.03		"	1.00		103	80-120				
Lead	0.500		"	0.500		99.9	80-120				
Magnesium	0.973		"	1.00		97.3	80-120				
Manganese	0.500		"	0.500		100	80-120				
Nickel	0.504		"	0.500		101	80-120				
Potassium	0.972		"	1.00		97.2	80-120				
Silver	0.0300		"	0.0500		59.9	80-120	Low Bias			
Sodium	1.14		"	1.00		114	80-120				
Vanadium	0.482		"	0.500		96.4	80-120				
Zinc	0.500		"	0.500		100	80-120				
Batch BE00334 - EPA 3015A/1311											
Blank (BE00334-BLK1) Blank								Prepared: 05/08/2020 Analyzed: 05/11/2020			
Lead	ND	0.00556	mg/L								
LCS (BE00334-BS1) LCS								Prepared: 05/08/2020 Analyzed: 05/11/2020			
Lead	0.464		ug/mL	0.500		92.8	80-120				
Leach Fluid Blank (BE00334- Leach Fluid Blank								Prepared: 05/08/2020 Analyzed: 05/11/2020			
Lead	ND	0.125	mg/L								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00334 - EPA 3015A/1311											
Leach Fluid Blank (BE00334- Leach Fluid Blank										Prepared: 05/08/2020 Analyzed: 05/11/2020	
Lead	ND	0.125	mg/L								

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01250 - EPA 3015A											
Blank (BD01250-BLK1) Blank								Prepared & Analyzed: 04/29/2020			
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BD01250-BS1) LCS								Prepared & Analyzed: 04/29/2020			
Antimony	41.2		ug/L	50.0		82.3	80-120				
Arsenic	44.5		"	50.0		89.1	80-120				
Beryllium	52.2		"	50.0		104	80-120				
Cadmium	43.9		"	50.0		87.7	80-120				
Selenium	43.9		"	50.0		87.7	80-120				
Thallium	43.8		"	50.0		87.6	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01245 - EPA 7473 soil												
Blank (BD01245-BLK1)	Blank								Prepared & Analyzed: 04/29/2020			
Mercury		ND	0.0300	mg/kg wet								
Reference (BD01245-SRM1)	Reference								Prepared & Analyzed: 04/29/2020			
Mercury		3.9830		mg/kg	3.71		107	65-135				
Batch BE00019 - EPA 7473 water												
Blank (BE00019-BLK1)	Blank								Prepared & Analyzed: 05/01/2020			
Mercury		ND	0.00020	mg/L								
Duplicate (BE00019-DUP1)	Duplicate	*Source sample: 20D0776-10 (SOFB_042820)							Prepared & Analyzed: 05/01/2020			
Mercury		ND	0.00020	mg/L		0.000287					20	
Matrix Spike (BE00019-MS1)	Matrix Spike	*Source sample: 20D0776-10 (SOFB_042820)							Prepared & Analyzed: 05/01/2020			
Mercury		0.0110		mg/L	0.0100	0.00029	107	75-125				
Reference (BE00019-SRM1)	Reference								Prepared & Analyzed: 05/01/2020			
Mercury		0.0111		mg/L	0.0100		111	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01210 - Analysis Preparation												
Blank (BD01210-BLK1)	Blank								Prepared & Analyzed: 04/28/2020			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BD01210-BS1)	LCS								Prepared & Analyzed: 04/28/2020			
Chromium, Hexavalent		0.523	0.0100	mg/L	0.500		105	80-120				
Duplicate (BD01210-DUP1)	Duplicate	*Source sample: 20D0776-10 (SOFB_042820)							Prepared & Analyzed: 04/28/2020			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BD01210-MS1)	Matrix Spike	*Source sample: 20D0776-10 (SOFB_042820)							Prepared & Analyzed: 04/28/2020			
Chromium, Hexavalent		0.451	0.0100	mg/L	0.500	ND	90.2	75-125				
Batch BD01211 - EPA SW846-3060												
Blank (BD01211-BLK1)	Blank								Prepared & Analyzed: 04/29/2020			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Reference (BD01211-SRM1)	Reference								Prepared & Analyzed: 04/29/2020			
Chromium, Hexavalent		178		mg/L	124		143	33.06-167.74				
Batch BD01219 - Analysis Preparation Soil												
Blank (BD01219-BLK1)	Blank								Prepared & Analyzed: 04/29/2020			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BD01219-DUP1)	Duplicate	*Source sample: 20D0776-07 (SB08_0-2)							Prepared & Analyzed: 04/29/2020			
Cyanide, total		ND	0.527	mg/kg dry		ND					15	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01219 - Analysis Preparation Soil											
Matrix Spike (BD01219-MS1) Matrix Spike	*Source sample: 20D0776-07 (SB08_0-2)									Prepared & Analyzed: 04/29/2020	
Cyanide, total	6.63	0.527	mg/kg dry	10.5	ND	62.8	79.6-107	Low Bias			
Reference (BD01219-SRM1) Reference										Prepared & Analyzed: 04/29/2020	
Cyanide, total	94.3		ug/mL	96.2		98.0	42.41-156.96				
Batch BE00014 - Analysis Preparation											
Blank (BE00014-BLK1) Blank										Prepared & Analyzed: 05/01/2020	
Cyanide, total	ND	0.0100	mg/L								
Duplicate (BE00014-DUP1) Duplicate	*Source sample: 20D0776-10 (SOFB_042820)									Prepared & Analyzed: 05/01/2020	
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BE00014-MS1) Matrix Spike	*Source sample: 20D0776-10 (SOFB_042820)									Prepared & Analyzed: 05/01/2020	
Cyanide, total	0.147	0.0100	mg/L	0.200	ND	73.4	79-105	Low Bias			
Reference (BE00014-SRM1) Reference										Prepared & Analyzed: 05/01/2020	
Cyanide, total	0.144	0.0100	mg/L	0.200		71.8	0-200				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01235 - % Solids Prep											
Duplicate (BD01235-DUP1) Duplicate	*Source sample: 20D0776-09 (SB08_13-15)								Prepared: 04/29/2020 Analyzed: 04/30/2020		
% Solids	71.8	0.100	%		69.3				3.51	20	

Leachate Preparations - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00286 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BE00286-BLK1) TCLP LEACH BLANK									Prepared: 05/07/2020 Analyzed: 05/08/2020		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20D0776-01	SB09_0-2	40mL Vial with Stir Bar-Cool 4° C
20D0776-02	SB09_4-6	40mL Vial with Stir Bar-Cool 4° C
20D0776-03	SB09_13-15	40mL Vial with Stir Bar-Cool 4° C
20D0776-04	SB05_0-2	40mL Vial with Stir Bar-Cool 4° C
20D0776-05	SB05_6-8	40mL Vial with Stir Bar-Cool 4° C
20D0776-06	SB05_18-20	40mL Vial with Stir Bar-Cool 4° C
20D0776-07	SB08_0-2	40mL Vial with Stir Bar-Cool 4° C
20D0776-08	SB08_4-6	40mL Vial with Stir Bar-Cool 4° C
20D0776-09	SB08_13-15	40mL Vial with Stir Bar-Cool 4° C
20D0776-10	SOFB_042820	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include TCLP Pb analysis.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20D0776

Page 1 of ____

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: Same
Address: 360 West 31st Street New York NY 10001	Address:	Address: Same
Phone: 212 479 5400	Phone:	Phone: same
Contact: Kim Semon	Contact: Dina Palazzolo	Contact: same
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: Same

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

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

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB09_0-2	S	4/28/20 1330	VOC, SVOC, PCB, Pest, Herb, TAL Metals (cyanide, hexavalent chromium) PFAS & 1,4-dioxane	4 VOCs, 1 SOC 1 4OZ
SB09_4-6	S	4/28/20 1335		
SB09_13-15	S	4/28/20 1340		
SB05_0-2	S	4/28/20 1310		
SB05_6-8	S	4/28/20 1325		
SB05_18-20	S	4/28/20 1345		
SB08_0-2	S	4/28/20 1450		
~~SB08_6-8~~ SB08_4-6	S	4/28/20 1455		
SB08_13-15	S	4/28/20 1500		
SOFB01_042820	QA/QC	4/28/20 1510		4 OZ), 3 VOA, 1 1 OZ, 4 OZ

Comments:
Low volume SB08 (0-2, 6-4, 13-15)

Preservation: (check all that apply)
HCl X MeOH X HNO3 X H2SO4 ___ NaOH X ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deirdre Casey Langan	4/28/20 1520	E Sylvia	4/28/20	E Sylvia	4/28/20 1900
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC Mahler	4/28/20 1900 / 2.6 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/11/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0776

Report Date: 05/11/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0776

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 28, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20D0776-01	SB09_0-2	Soil	04/28/2020	04/28/2020
20D0776-02	SB09_4-6	Soil	04/28/2020	04/28/2020
20D0776-03	SB09_13-15	Soil	04/28/2020	04/28/2020
20D0776-04	SB05_0-2	Soil	04/28/2020	04/28/2020
20D0776-05	SB05_6-8	Soil	04/28/2020	04/28/2020
20D0776-06	SB05_18-20	Soil	04/28/2020	04/28/2020
20D0776-07	SB08_0-2	Soil	04/28/2020	04/28/2020
20D0776-08	SB08_4-6	Soil	04/28/2020	04/28/2020
20D0776-09	SB08_13-15	Soil	04/28/2020	04/28/2020
20D0776-10	SOFB_042820	Water	04/28/2020	04/28/2020

General Notes for York Project (SDG) No.: 20D0776

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

Approved By: 

Date: 05/11/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 16:55	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*48.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.358	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0674	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0465	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0317	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.131**	J	ug/kg dry	0.0789	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0448	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0611	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0524	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0767	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0445	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0764	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.107	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.107	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**0.211**	J	ug/kg dry	0.0940	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0478	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 20D0776-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:30 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0504	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0524	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0675	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0262	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.187	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:10	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*62.8 %*		*25-150*
Surrogate: M5PFHxA	*65.3 %*		*25-150*
Surrogate: M4PFHpA	*73.4 %*		*25-150*
Surrogate: M3PFHxS	*66.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*76.2 %*		*25-150*
Surrogate: M6PFDA	*80.0 %*		*25-150*
Surrogate: M7PFUdA	*67.0 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*63.0 %*		*25-150*
Surrogate: M2PFTeDA	*59.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*93.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*67.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*66.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.0 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*74.3 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*81.2 %*		*25-150*
Surrogate: M2-6:2 FTS	*170 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*206 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*80.3 %*		*25-150*

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 14:20	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.344	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0647	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0447	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0304	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.140**	J	ug/kg dry	0.0758	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0430	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0587	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0503	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.114	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0736	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0427	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0733	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.102	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.102	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0902	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0458	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT

Sample Information

Client Sample ID: SB09_4-6 **York Sample ID:** 20D0776-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:35 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0484	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0503	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0648	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0251	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.179	0.491	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:34	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*69.1 %*	*25-150*
Surrogate: M5PFHxA	*71.9 %*	*25-150*
Surrogate: M4PFHpA	*78.2 %*	*25-150*
Surrogate: M3PFHxS	*72.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.1 %*	*25-150*
Surrogate: M6PFDA	*82.6 %*	*25-150*
Surrogate: M7PFUdA	*71.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*70.1 %*	*25-150*
Surrogate: M2PFTeDA	*67.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*102 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*72.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*71.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*57.6 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*72.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*72.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*99.7 %*	*25-150*
Surrogate: M2-8:2 FTS	*122 %*	*25-150*
Surrogate: M9PFNA	*84.9 %*	*25-150*

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 14:38	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-83.1*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.383	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0720	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0497	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0339	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.401**	J	ug/kg dry	0.0844	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0479	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0654	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0560	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.127	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0820	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0475	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0817	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.114	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.114	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.100	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0510	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT

Sample Information

Client Sample ID: SB09_13-15 **York Sample ID:** 20D0776-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:40 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0539	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0560	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0721	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0280	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.200	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 04:59	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*61.8 %*		*25-150*
Surrogate: M5PFHxA	*62.8 %*		*25-150*
Surrogate: M4PFHpA	*68.2 %*		*25-150*
Surrogate: M3PFHxS	*63.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*70.2 %*		*25-150*
Surrogate: M6PFDA	*75.3 %*		*25-150*
Surrogate: M7PFUdA	*65.0 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*61.5 %*		*25-150*
Surrogate: M2PFTeDA	*66.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*90.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*62.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*61.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*60.2 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*73.8 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*90.6 %*		*25-150*
Surrogate: M2-6:2 FTS	*139 %*		*25-150*
Surrogate: M2-8:2 FTS	*259 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*76.6 %*		*25-150*

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 14:55	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.366	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.165**	J	ug/kg dry	0.0690	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.0863**	J	ug/kg dry	0.0476	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.0411**	J	ug/kg dry	0.0325	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.372**	J	ug/kg dry	0.0808	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**5.30**		ug/kg dry	0.0459	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.0952**	J	ug/kg dry	0.0626	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.179**	J	ug/kg dry	0.0536	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
2058-94-8	*** Perfluoroundecanoic acid (PFUnA)**	**0.126**	J	ug/kg dry	0.122	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
307-55-1	*** Perfluorododecanoic acid (PFDoA)**	**0.0873**	J	ug/kg dry	0.0785	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
72629-94-8	*** Perfluorotridecanoic acid (PFTrDA)**	**0.0689**	J	ug/kg dry	0.0455	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0782	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.109	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.109	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**0.369**	J	ug/kg dry	0.0962	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.0541**	J	ug/kg dry	0.0489	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 20D0776-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:10 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0516	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0556**	J	ug/kg dry	0.0536	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0691	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0268	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.191	0.523	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 05:24	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*71.6 %*		*25-150*
Surrogate: M5PFHxA	*74.7 %*		*25-150*
Surrogate: M4PFHpA	*77.1 %*		*25-150*
Surrogate: M3PFHxS	*74.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*84.4 %*		*25-150*
Surrogate: M6PFDA	*85.3 %*		*25-150*
Surrogate: M7PFUdA	*71.8 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*68.9 %*		*25-150*
Surrogate: M2PFTeDA	*66.6 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*108 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*67.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*73.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*61.5 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*93.4 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*94.2 %*		*25-150*
Surrogate: M2-6:2 FTS	*309 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*300 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*84.9 %*		*25-150*

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 15:29	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.381	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0717	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0495	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0337	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.136**	J	ug/kg dry	0.0840	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.213**	J	ug/kg dry	0.0477	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0651	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0557	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.127	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0816	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0473	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0813	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.114	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.113	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.100	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0508	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 20D0776-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:25 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0536	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0557	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0718	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0279	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.199	0.544	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:14	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*71.3 %*	*25-150*
Surrogate: M5PFHxA	*75.2 %*	*25-150*
Surrogate: M4PFHpA	*79.6 %*	*25-150*
Surrogate: M3PFHxS	*75.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.2 %*	*25-150*
Surrogate: M6PFDA	*83.7 %*	*25-150*
Surrogate: M7PFUdA	*76.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*74.5 %*	*25-150*
Surrogate: M2PFTeDA	*66.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*108 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*73.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*72.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*61.4 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*73.1 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*73.1 %*	*25-150*
Surrogate: M2-6:2 FTS	*90.0 %*	*25-150*
Surrogate: M2-8:2 FTS	*102 %*	*25-150*
Surrogate: M9PFNA	*84.6 %*	*25-150*

Sample Information

Client Sample ID: **SB05_18-20** **York Sample ID:** **20D0776-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 15:47	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-83.1*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.358	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0674	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0465	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0317	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.0871**	J	ug/kg dry	0.0789	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0448	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0611	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0524	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0767	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0445	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0764	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.107	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.107	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0940	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0477	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT

Sample Information

Client Sample ID: SB05_18-20 **York Sample ID:** 20D0776-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 1:45 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0504	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0524	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0675	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0262	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.187	0.511	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 06:38	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*74.3 %*	*25-150*
Surrogate: M5PFHxA	*74.6 %*	*25-150*
Surrogate: M4PFHpA	*84.1 %*	*25-150*
Surrogate: M3PFHxS	*76.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.7 %*	*25-150*
Surrogate: M6PFDA	*79.9 %*	*25-150*
Surrogate: M7PFUdA	*74.9 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*75.8 %*	*25-150*
Surrogate: M2PFTeDA	*71.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*114 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*75.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*77.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*65.7 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*68.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*70.7 %*	*25-150*
Surrogate: M2-6:2 FTS	*84.6 %*	*25-150*
Surrogate: M2-8:2 FTS	*84.0 %*	*25-150*
Surrogate: M9PFNA	*87.7 %*	*25-150*

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 16:04	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.360	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0679	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0468	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0319	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.100**	J	ug/kg dry	0.0795	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.0563**	J	ug/kg dry	0.0451	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0616	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0527	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0772	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0448	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0769	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.107	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.107	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0946	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0481	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT

Sample Information

Client Sample ID: SB08_0-2 **York Sample ID:** 20D0776-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:50 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0508	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0527	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0680	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0264	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.188	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:03	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*69.1 %*	*25-150*
Surrogate: M5PFHxA	*70.1 %*	*25-150*
Surrogate: M4PFHpA	*78.9 %*	*25-150*
Surrogate: M3PFHxS	*72.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*80.0 %*	*25-150*
Surrogate: M6PFDA	*83.6 %*	*25-150*
Surrogate: M7PFUdA	*76.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*72.3 %*	*25-150*
Surrogate: M2PFTeDA	*62.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*107 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*73.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*69.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*64.8 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*78.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*77.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*112 %*	*25-150*
Surrogate: M2-8:2 FTS	*128 %*	*25-150*
Surrogate: M9PFNA	*88.8 %*	*25-150*

Sample Information

Client Sample ID: **SB08_4-6** **York Sample ID:** **20D0776-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 16:21	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.353	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0665	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0459	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0313	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0779	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.193**	J	ug/kg dry	0.0442	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0604	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0517	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0757	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0439	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0754	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.105	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.105	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0928	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0471	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT

Sample Information

Client Sample ID: SB08_4-6 **York Sample ID:** 20D0776-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 2:55 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0498	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0517	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0666	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0258	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.184	0.505	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:28	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*68.5 %*	*25-150*
Surrogate: M5PFHxA	*72.1 %*	*25-150*
Surrogate: M4PFHpA	*81.7 %*	*25-150*
Surrogate: M3PFHxS	*72.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.3 %*	*25-150*
Surrogate: M6PFDA	*78.1 %*	*25-150*
Surrogate: M7PFUdA	*74.9 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*67.9 %*	*25-150*
Surrogate: M2PFTeDA	*61.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*105 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*73.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*72.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*66.4 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*74.5 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*73.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*103 %*	*25-150*
Surrogate: M2-8:2 FTS	*76.6 %*	*25-150*
Surrogate: M9PFNA	*84.7 %*	*25-150*

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 16:37	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.493	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0928	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0641	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0436	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.109	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.162**	J	ug/kg dry	0.0617	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0842	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0721	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.164	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.106	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0612	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.147	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.147	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0657	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT

Sample Information

Client Sample ID: SB08_13-15 **York Sample ID:** 20D0776-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Soil	April 28, 2020 3:00 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0694	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0721	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0929	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0360	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.257	0.704	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 07:53	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*78.1 %*	*25-150*
Surrogate: M5PFHxA	*78.7 %*	*25-150*
Surrogate: M4PFHpA	*86.8 %*	*25-150*
Surrogate: M3PFHxS	*79.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*82.4 %*	*25-150*
Surrogate: M6PFDA	*75.6 %*	*25-150*
Surrogate: M7PFUdA	*65.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*62.3 %*	*25-150*
Surrogate: M2PFTeDA	*52.2 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*116 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*76.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*78.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.2 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*64.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*61.0 %*	*25-150*
Surrogate: M2-6:2 FTS	*89.8 %*	*25-150*
Surrogate: M2-8:2 FTS	*79.7 %*	*25-150*
Surrogate: M9PFNA	*87.9 %*	*25-150*

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/01/2020 07:31	05/05/2020 14:46	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.294	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.647**	J	ng/L	0.471	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.635	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.281	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	0.531	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.292	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**0.842**	J	ng/L	0.452	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT

Sample Information

Client Sample ID: SOFB_042820 **York Sample ID:** 20D0776-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0776	170610601	Water	April 28, 2020 3:10 pm	04/28/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CCV-L	ng/L	0.492	5.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CCV-L	ng/L	0.399	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**2.48**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	04/30/2020 15:31	05/06/2020 06:20	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*69.0 %*	*25-150*
Surrogate: M5PFHxA	*62.1 %*	*25-150*
Surrogate: M4PFHpA	*65.6 %*	*25-150*
Surrogate: M3PFHxS	*66.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*59.7 %*	*25-150*
Surrogate: M6PFDA	*60.0 %*	*25-150*
Surrogate: M7PFUdA	*45.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*36.4 %*	*25-150*
Surrogate: M2PFTeDA	*17.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*98.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*65.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*68.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*47.8 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*44.0 %*	*25-150*
Surrogate: M2-6:2 FTS	*49.4 %*	*25-150*
Surrogate: M2-8:2 FTS	*54.7 %*	*25-150*
Surrogate: M9PFNA	*60.2 %*	*25-150*

Analytical Batch Summary

Batch ID: BD01331 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** KT

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	04/30/20
BD01331-BLK1	Blank	04/30/20
BD01331-BS1	LCS	04/30/20

Batch ID: BE00002 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	05/01/20
20D0776-02	SB09_4-6	05/01/20
20D0776-03	SB09_13-15	05/01/20
20D0776-04	SB05_0-2	05/01/20
20D0776-05	SB05_6-8	05/01/20
20D0776-06	SB05_18-20	05/01/20
20D0776-07	SB08_0-2	05/01/20
20D0776-08	SB08_4-6	05/01/20
20D0776-09	SB08_13-15	05/01/20
BE00002-BLK1	Blank	05/01/20
BE00002-BS1	LCS	05/01/20
BE00002-MS1	Matrix Spike	05/01/20
BE00002-MSD1	Matrix Spike Dup	05/01/20

Batch ID: BE00004 **Preparation Method:** EPA 3535A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-10	SOFB_042820	05/01/20
BE00004-BLK1	Blank	05/01/20
BE00004-BS1	LCS	05/01/20

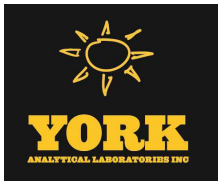
Batch ID: BE00136 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** KT

YORK Sample ID	Client Sample ID	Preparation Date
20D0776-01	SB09_0-2	05/05/20
20D0776-02	SB09_4-6	05/05/20
20D0776-03	SB09_13-15	05/05/20
20D0776-04	SB05_0-2	05/05/20
20D0776-05	SB05_6-8	05/05/20
20D0776-06	SB05_18-20	05/05/20
20D0776-07	SB08_0-2	05/05/20
20D0776-08	SB08_4-6	05/05/20
20D0776-09	SB08_13-15	05/05/20
BE00136-BLK1	Blank	05/05/20
BE00136-BS1	LCS	05/05/20

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00002 - EPA 3550C												
Blank (BE00002-BLK1)	Blank								Prepared: 05/01/2020 Analyzed: 05/04/2020			
1,4-Dioxane		ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8		*248*		*"*	*495*		*50.0*	*39-83.1*				
LCS (BE00002-BS1)	LCS								Prepared: 05/01/2020 Analyzed: 05/04/2020			
1,4-Dioxane		425	9.90	ug/kg	495		85.8	40-130				
Surrogate: 1,4-Dioxane-d8		*277*		*"*	*495*		*56.0*	*39-83.1*				
Matrix Spike (BE00002-MS1)	Matrix Spike	*Source sample: 20D0776-09 (SB08_13-15)							Prepared: 05/01/2020 Analyzed: 05/04/2020			
1,4-Dioxane		218	9.90	ug/kg	495	ND	44.0	40-130				
Surrogate: 1,4-Dioxane-d8		*228*		*"*	*495*		*46.0*	*40-130*				
Matrix Spike Dup (BE00002-M	Matrix Spike Dup	*Source sample: 20D0776-09 (SB08_13-15)							Prepared: 05/01/2020 Analyzed: 05/04/2020			
1,4-Dioxane		218	9.90	ug/kg	495	ND	44.0	40-130		0.00	30	
Surrogate: 1,4-Dioxane-d8		*228*		*"*	*495*		*46.0*	*40-130*				
Batch BE00004 - EPA 3535A												
Blank (BE00004-BLK1)	Blank								Prepared: 05/01/2020 Analyzed: 05/05/2020			
1,4-Dioxane		ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8		*3.80*		*"*	*5.00*		*76.0*	*36.6-118*				
LCS (BE00004-BS1)	LCS								Prepared: 05/01/2020 Analyzed: 05/05/2020			
1,4-Dioxane		5.00	0.200	ug/L	5.00		100	50-130				
Surrogate: 1,4-Dioxane-d8		*3.40*		*"*	*5.00*		*68.0*	*36.6-118*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

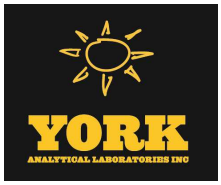
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01331 - SPE Ext-PFAS-EPA 537.1M											
Blank (BD01331-BLK1) Blank									Prepared: 04/30/2020 Analyzed: 05/06/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	0.862	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	0.352	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	3.30	2.00	"								
Surrogate: M3PFBS	*51.1*		"	*74.3*		*68.8*	*25-150*				
Surrogate: M5PFHxA	*50.4*		"	*80.0*		*63.0*	*25-150*				
Surrogate: M4PFHpA	*54.1*		"	*80.0*		*67.6*	*25-150*				
Surrogate: M3PFHxS	*52.1*		"	*75.7*		*68.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*52.3*		"	*80.0*		*65.4*	*25-150*				
Surrogate: M6PFDA	*51.2*		"	*80.0*		*64.0*	*25-150*				
Surrogate: M7PFUdA	*41.8*		"	*80.0*		*52.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*40.2*		"	*80.0*		*50.3*	*25-150*				
Surrogate: M2PFTeDA	*34.1*		"	*80.0*		*42.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*58.2*		"	*80.0*		*72.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*51.7*		"	*76.6*		*67.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*46.9*		"	*80.0*		*58.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*57.0*		"	*80.0*		*71.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*41.7*		"	*80.0*		*52.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*36.5*		"	*80.0*		*45.6*	*25-150*				
Surrogate: M2-6:2 FTS	*41.2*		"	*75.9*		*54.3*	*25-150*				
Surrogate: M2-8:2 FTS	*44.9*		"	*76.6*		*58.6*	*25-150*				
Surrogate: M9PFNA	*53.8*		"	*80.0*		*67.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01331 - SPE Ext-PFAS-EPA 537.1M											
LCS (BD01331-BS1) LCS									Prepared: 04/30/2020 Analyzed: 05/06/2020		
Perfluorobutanesulfonic acid (PFBS)	60.7	2.00	ng/L	70.8		85.7	50-130				
Perfluorohexanoic acid (PFHxA)	71.4	2.00	"	80.0		89.2	50-130				
Perfluoroheptanoic acid (PFHpA)	68.3	2.00	"	80.0		85.4	50-130				
Perfluorohexanesulfonic acid (PFHxS)	51.6	2.00	"	59.2		87.2	50-130				
Perfluorooctanoic acid (PFOA)	70.4	2.00	"	80.0		88.0	50-130				
Perfluorooctanesulfonic acid (PFOS)	52.6	2.00	"	58.4		90.1	50-130				
Perfluorononanoic acid (PFNA)	61.4	2.00	"	76.8		80.0	50-130				
Perfluorodecanoic acid (PFDA)	69.4	2.00	"	80.0		86.7	50-130				
Perfluoroundecanoic acid (PFUnA)	68.1	2.00	"	80.0		85.2	50-130				
Perfluorododecanoic acid (PFDoA)	60.6	2.00	"	80.0		75.7	50-130				
Perfluorotridecanoic acid (PFTrDA)	65.1	2.00	"	80.0		81.3	50-130				
Perfluorotetradecanoic acid (PFTA)	69.1	2.00	"	80.0		86.4	50-130				
N-MeFOSAA	62.6	2.00	"	80.0		78.3	50-130				
N-EtFOSAA	67.7	2.00	"	80.0		84.6	50-130				
Perfluoropentanoic acid (PFPeA)	68.8	2.00	"	80.0		86.0	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	66.6	2.00	"	80.0		83.2	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	71.2	2.00	"	79.6		89.4	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	63.3	2.00	"	77.2		82.0	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	71.5	5.00	"	76.0		94.1	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	48.2	2.00	"	76.8		62.8	50-130				
Perfluoro-n-butanoic acid (PFBA)	74.4	2.00	"	80.0		92.9	50-130				
Surrogate: M3PFBS	*56.2*		"	*74.3*		*75.6*	*25-150*				
Surrogate: M5PFHxA	*55.2*		"	*80.0*		*69.0*	*25-150*				
Surrogate: M4PFHpA	*56.0*		"	*80.0*		*70.0*	*25-150*				
Surrogate: M3PFHxS	*55.0*		"	*75.7*		*72.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*52.8*		"	*80.0*		*66.1*	*25-150*				
Surrogate: M6PFDA	*54.0*		"	*80.0*		*67.4*	*25-150*				
Surrogate: M7PFUdA	*42.1*		"	*80.0*		*52.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*40.7*		"	*80.0*		*50.8*	*25-150*				
Surrogate: M2PFTeDA	*33.6*		"	*80.0*		*42.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*86.9*		"	*80.0*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.7*		"	*76.6*		*70.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*57.8*		"	*80.0*		*72.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*62.1*		"	*80.0*		*77.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*44.5*		"	*80.0*		*55.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*39.6*		"	*80.0*		*49.5*	*25-150*				
Surrogate: M2-6:2 FTS	*45.3*		"	*75.9*		*59.7*	*25-150*				
Surrogate: M2-8:2 FTS	*46.5*		"	*76.6*		*60.7*	*25-150*				
Surrogate: M9PFNA	*54.8*		"	*80.0*		*68.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00136 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BE00136-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/09/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	0.490	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.490	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.490	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.490	"								
Perfluorooctanoic acid (PFOA)	ND	0.490	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.490	"								
Perfluorononanoic acid (PFNA)	ND	0.490	"								
Perfluorodecanoic acid (PFDA)	ND	0.490	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.490	"								
Perfluorododecanoic acid (PFDoA)	ND	0.490	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.490	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.490	"								
N-MeFOSAA	ND	0.490	"								
N-EtFOSAA	ND	0.490	"								
Perfluoropentanoic acid (PFPeA)	ND	0.490	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.490	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.490	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.490	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.490	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.490	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.490	"								
Surrogate: M3PFBS	*3.67*		"	*4.55*		*80.8*	*25-150*				
Surrogate: M5PFHxA	*3.94*		"	*4.90*		*80.6*	*25-150*				
Surrogate: M4PFHpA	*4.15*		"	*4.90*		*84.8*	*25-150*				
Surrogate: M3PFHxS	*3.81*		"	*4.63*		*82.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.22*		"	*4.90*		*86.2*	*25-150*				
Surrogate: M6PFDA	*4.06*		"	*4.90*		*83.0*	*25-150*				
Surrogate: M7PFUdA	*3.92*		"	*4.90*		*80.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.28*		"	*4.90*		*87.5*	*25-150*				
Surrogate: M2PFTeDA	*3.99*		"	*4.90*		*81.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.63*		"	*4.90*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.01*		"	*4.69*		*85.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.93*		"	*4.90*		*80.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.63*		"	*4.90*		*74.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.82*		"	*4.90*		*77.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.00*		"	*4.90*		*81.7*	*25-150*				
Surrogate: M2-6:2 FTS	*4.34*		"	*4.65*		*93.4*	*25-150*				
Surrogate: M2-8:2 FTS	*4.17*		"	*4.69*		*89.0*	*25-150*				
Surrogate: M9PFNA	*4.63*		"	*4.90*		*94.5*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00136 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BE00136-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/09/2020		
Perfluorobutanesulfonic acid (PFBS)	4.24	0.481	ug/kg wet	4.26		99.6	50-130				
Perfluorohexanoic acid (PFHxA)	4.52	0.481	"	4.81		93.9	50-130				
Perfluoroheptanoic acid (PFHpA)	4.23	0.481	"	4.81		87.9	50-130				
Perfluorohexanesulfonic acid (PFHxS)	3.40	0.481	"	3.56		95.6	50-130				
Perfluorooctanoic acid (PFOA)	4.25	0.481	"	4.81		88.3	50-130				
Perfluorooctanesulfonic acid (PFOS)	3.28	0.481	"	3.51		93.5	50-130				
Perfluorononanoic acid (PFNA)	4.04	0.481	"	4.62		87.5	50-130				
Perfluorodecanoic acid (PFDA)	4.48	0.481	"	4.81		93.1	50-130				
Perfluoroundecanoic acid (PFUnA)	4.40	0.481	"	4.81		91.5	50-130				
Perfluorododecanoic acid (PFDoA)	4.48	0.481	"	4.81		93.2	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.38	0.481	"	4.81		91.0	50-130				
Perfluorotetradecanoic acid (PFTA)	4.51	0.481	"	4.81		93.9	50-130				
N-MeFOSAA	4.62	0.481	"	4.81		96.0	50-130				
N-EtFOSAA	4.45	0.481	"	4.81		92.5	50-130				
Perfluoropentanoic acid (PFPeA)	4.44	0.481	"	4.81		92.4	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.93	0.481	"	4.81		103	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.84	0.481	"	4.78		101	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.02	0.481	"	4.64		86.5	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.99	0.481	"	4.57		87.3	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.48	0.481	"	4.62		119	50-130				
Perfluoro-n-butanoic acid (PFBA)	4.57	0.481	"	4.81		95.1	50-130				
Surrogate: M3PFBS	*3.24*		"	*4.47*		*72.6*	*25-150*				
Surrogate: M5PFHxA	*3.47*		"	*4.81*		*72.2*	*25-150*				
Surrogate: M4PFHpA	*3.71*		"	*4.81*		*77.2*	*25-150*				
Surrogate: M3PFHxS	*3.38*		"	*4.55*		*74.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.74*		"	*4.81*		*77.7*	*25-150*				
Surrogate: M6PFDA	*3.61*		"	*4.81*		*75.1*	*25-150*				
Surrogate: M7PFUdA	*3.44*		"	*4.81*		*71.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.47*		"	*4.81*		*72.1*	*25-150*				
Surrogate: M2PFTeDA	*3.41*		"	*4.81*		*70.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.04*		"	*4.81*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.44*		"	*4.60*		*74.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.54*		"	*4.81*		*73.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.16*		"	*4.81*		*65.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.51*		"	*4.81*		*73.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.22*		"	*4.81*		*66.9*	*25-150*				
Surrogate: M2-6:2 FTS	*3.82*		"	*4.56*		*83.8*	*25-150*				
Surrogate: M2-8:2 FTS	*3.59*		"	*4.61*		*77.9*	*25-150*				
Surrogate: M9PFNA	*4.06*		"	*4.81*		*84.3*	*25-150*				

Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20D0776

Page 1 of ____

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: Same
Address: 360 West 31st Street New York NY 10001	Address:	Address: Same
Phone: 212 479 5400	Phone:	Phone: same
Contact: Kim Semon	Contact: Dina Palazzolo	Contact: same
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: Same

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

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

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ; Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB09_0-2	S	4/28/20 1330	VOC, SVOC, PCB, Pest, Herb, TAL Metals (cyanide, hexavalent chromium) PFAS & 1,4-dioxane	4 VOCs, 1 SOC 1 407
SB09_4-6	S	4/28/20 1335		
SB09_13-15	S	4/28/20 1340		
SB05_0-2	S	4/28/20 1310		
SB05_6-8	S	4/28/20 1325		
SB05_18-20	S	4/28/20 1345		
SB08_0-2	S	4/28/20 1450		
~~SB08_6-8~~ SB08_4-6	S	4/28/20 1455		
SB08_13-15	S	4/28/20 1500		
SOFB01_042820	QA/QC	4/28/20 1510		4 (L), 3 VOA, 1 1000, 4 202

Comments:
Low volume SB08 (0-2, 6-4, 13-15)

Preservation: (check all that apply)
HCl X MeOH X HNO3 X H2SO4 ___ NaOH X ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deirdre Casey Langan	4/28/20 1520	E Sylvia	4/28/20	E Sylvia	4/28/20 1900
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC Mahler	4/28/20 1900 / 2.6 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/12/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0818

Report Date: 05/12/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0818

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 29, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20D0818-01	SB04_0-2	Soil	04/29/2020	04/29/2020
20D0818-03	SB04_14-16	Soil	04/29/2020	04/29/2020
20D0818-04	SB04_18-20	Soil	04/29/2020	04/29/2020
20D0818-05	SB06_0-2	Soil	04/29/2020	04/29/2020
20D0818-06	SB06_5-7	Soil	04/29/2020	04/29/2020
20D0818-07	SB06_12-14	Soil	04/29/2020	04/29/2020
20D0818-09	SB07_0-2	Soil	04/29/2020	04/29/2020
20D0818-10	SB07_8-10	Soil	04/29/2020	04/29/2020
20D0818-11	SB07_18-20	Soil	04/29/2020	04/29/2020
20D0818-12	SODUP01_042920	Soil	04/29/2020	04/29/2020

General Notes for York Project (SDG) No.: 20D0818

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

Approved By: 

Date: 05/12/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 20D0818-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 2:10 pm	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 17:12	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*40.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.365	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.148**	J	ug/kg dry	0.0687	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.200**	J	ug/kg dry	0.0474	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0323	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.311**	J	ug/kg dry	0.0804	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**2.48**		ug/kg dry	0.0456	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.145**	J	ug/kg dry	0.0623	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.153**	J	ug/kg dry	0.0533	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
2058-94-8	*** Perfluoroundecanoic acid (PFUnA)**	**0.183**	J	ug/kg dry	0.121	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
307-55-1	*** Perfluorododecanoic acid (PFDoA)**	**0.125**	J	ug/kg dry	0.0781	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
72629-94-8	*** Perfluorotridecanoic acid (PFTrDA)**	**0.0869**	J	ug/kg dry	0.0453	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
376-06-7	*** Perfluorotetradecanoic acid (PFTA)**	**0.0856**	J	ug/kg dry	0.0778	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.109	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
2991-50-6	*** N-EtFOSAA**	**0.114**	J	ug/kg dry	0.109	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**0.118**	J	ug/kg dry	0.0958	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0487	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 20D0818-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 2:10 pm	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0514	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0745**	J	ug/kg dry	0.0533	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0688	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
39108-34-4	*** 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**0.0308**	J	ug/kg dry	0.0267	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**1.28**		ug/kg dry	0.190	0.521	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 14:23	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*58.5 %*		*25-150*
Surrogate: M5PFHxA	*55.8 %*		*25-150*
Surrogate: M4PFHpA	*73.3 %*		*25-150*
Surrogate: M3PFHxS	*61.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*66.2 %*		*25-150*
Surrogate: M6PFDA	*66.6 %*		*25-150*
Surrogate: M7PFUdA	*62.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*52.5 %*		*25-150*
Surrogate: M2PFTeDA	*49.0 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*76.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*61.0 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*53.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*40.9 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*85.7 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*87.4 %*		*25-150*
Surrogate: M2-6:2 FTS	*279 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*304 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*68.6 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 08:57	04/30/2020 13:00	STN

Sample Information

Client Sample ID: SB04_14-16 **York Sample ID:** 20D0818-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 2:20 pm	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 17:29	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.369	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.0849**	J	ug/kg dry	0.0695	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**0.119**	J	ug/kg dry	0.0480	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0327	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.104**	J	ug/kg dry	0.0814	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0462	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0631	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0540	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.123	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0791	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0459	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0788	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.110	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.110	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0969	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0492	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT

Sample Information

Client Sample ID: SB04_14-16 **York Sample ID:** 20D0818-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 2:20 pm	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0520	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0540	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0696	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0270	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.214**	J	ug/kg dry	0.193	0.527	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:02	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*68.9 %*	*25-150*
Surrogate: M5PFHxA	*66.6 %*	*25-150*
Surrogate: M4PFHpA	*94.0 %*	*25-150*
Surrogate: M3PFHxS	*72.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*73.9 %*	*25-150*
Surrogate: M6PFDA	*76.0 %*	*25-150*
Surrogate: M7PFUdA	*78.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*74.4 %*	*25-150*
Surrogate: M2PFTeDA	*75.2 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*91.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*74.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*66.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*70.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*79.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*87.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*77.4 %*	*25-150*
Surrogate: M2-8:2 FTS	*92.9 %*	*25-150*
Surrogate: M9PFNA	*81.3 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 08:57	04/30/2020 13:00	STN

Sample Information

Client Sample ID: SB04_18-20 **York Sample ID:** 20D0818-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 2:25 pm	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 17:46	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*40.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.590	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.197**	J	ug/kg dry	0.111	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.232**	J	ug/kg dry	0.0767	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0523	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.340**	J	ug/kg dry	0.130	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0739	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.101	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0864	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.196	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.126	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0734	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.126	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.176	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.176	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.155	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0788	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT

Sample Information

Client Sample ID: SB04_18-20 **York Sample ID:** 20D0818-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 2:25 pm	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0831	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0864	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.111	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0432	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.591**	J	ug/kg dry	0.308	0.843	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:27	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*57.5 %*		*25-150*
Surrogate: M5PFHxA	*54.1 %*		*25-150*
Surrogate: M4PFHpA	*75.5 %*		*25-150*
Surrogate: M3PFHxS	*61.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*62.4 %*		*25-150*
Surrogate: M6PFDA	*69.9 %*		*25-150*
Surrogate: M7PFUdA	*64.0 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*61.1 %*		*25-150*
Surrogate: M2PFTeDA	*60.7 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*75.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*61.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*52.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*58.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*83.4 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*91.8 %*		*25-150*
Surrogate: M2-6:2 FTS	*145 %*		*25-150*
Surrogate: M2-8:2 FTS	*297 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*68.5 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**58.3**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 10:41	04/30/2020 13:03	STN

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 20D0818-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 9:00 am	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 18:04	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.377	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.108**	J	ug/kg dry	0.0709	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.0962**	J	ug/kg dry	0.0489	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0334	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.0935**	J	ug/kg dry	0.0831	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.468**	J	ug/kg dry	0.0471	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0643	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.434**	J	ug/kg dry	0.0551	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
2058-94-8	*** Perfluoroundecanoic acid (PFUnA)**	**0.381**	J	ug/kg dry	0.125	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
307-55-1	*** Perfluorododecanoic acid (PFDoA)**	**0.111**	J	ug/kg dry	0.0807	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0468	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0804	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.112	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.112	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0989	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.125**	J	ug/kg dry	0.0502	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 20D0818-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 9:00 am	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0530	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.101**	J	ug/kg dry	0.0551	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0710	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
39108-34-4	* **1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**0.0629**	J	ug/kg dry	0.0275	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.197**	J	ug/kg dry	0.197	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 16:56	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*60.1 %*	*25-150*
Surrogate: M5PFHxA	*58.2 %*	*25-150*
Surrogate: M4PFHpA	*83.2 %*	*25-150*
Surrogate: M3PFHxS	*63.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*64.7 %*	*25-150*
Surrogate: M6PFDA	*60.4 %*	*25-150*
Surrogate: M7PFUdA	*59.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*56.4 %*	*25-150*
Surrogate: M2PFTeDA	*56.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*83.4 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*58.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*58.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.9 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*58.6 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*66.9 %*	*25-150*
Surrogate: M2-6:2 FTS	*72.4 %*	*25-150*
Surrogate: M2-8:2 FTS	*74.9 %*	*25-150*
Surrogate: M9PFNA	*69.2 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 08:57	04/30/2020 13:00	STN

Sample Information

Client Sample ID: SB06_5-7 **York Sample ID:** 20D0818-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 9:05 am	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 18:38	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*42.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.412	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.0845**	J	ug/kg dry	0.0776	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.101**	J	ug/kg dry	0.0536	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0365	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.118**	J	ug/kg dry	0.0909	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.207**	J	ug/kg dry	0.0516	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0704	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0603	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.137	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0883	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0512	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0879	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.123	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.123	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.108	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0550	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT

Sample Information

Client Sample ID: SB06_5-7 **York Sample ID:** 20D0818-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 9:05 am	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0580	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0603	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0777	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0301	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.215	0.589	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 17:21	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*56.9 %*	*25-150*
Surrogate: M5PFHxA	*56.4 %*	*25-150*
Surrogate: M4PFHpA	*79.8 %*	*25-150*
Surrogate: M3PFHxS	*60.8 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*63.9 %*	*25-150*
Surrogate: M6PFDA	*66.1 %*	*25-150*
Surrogate: M7PFUdA	*61.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*62.7 %*	*25-150*
Surrogate: M2PFTeDA	*63.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*78.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*56.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*57.5 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*71.1 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*77.7 %*	*25-150*
Surrogate: M2-6:2 FTS	*76.3 %*	*25-150*
Surrogate: M2-8:2 FTS	*101 %*	*25-150*
Surrogate: M9PFNA	*70.9 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.4**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 08:57	04/30/2020 13:00	STN

Sample Information

Client Sample ID: **SB06_12-14** **York Sample ID:** **20D0818-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 9:10 am	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 18:55	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.0 %*	*39-83.1*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.370	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.0864**	J	ug/kg dry	0.0697	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.0682**	J	ug/kg dry	0.0481	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0328	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.181**	J	ug/kg dry	0.0816	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0463	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0632	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0541	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.123	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0793	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0460	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0790	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.110	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.110	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0972	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0494	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT

Sample Information

Client Sample ID: SB06_12-14 **York Sample ID:** 20D0818-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 9:10 am	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0521	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0541	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0698	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0271	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.193	0.529	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 18:11	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*66.8 %*	*25-150*
Surrogate: M5PFHxA	*62.7 %*	*25-150*
Surrogate: M4PFHpA	*88.5 %*	*25-150*
Surrogate: M3PFHxS	*70.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*68.2 %*	*25-150*
Surrogate: M6PFDA	*77.6 %*	*25-150*
Surrogate: M7PFUdA	*67.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*62.9 %*	*25-150*
Surrogate: M2PFTeDA	*60.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*89.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*69.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*63.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*67.7 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*68.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*74.3 %*	*25-150*
Surrogate: M2-6:2 FTS	*69.2 %*	*25-150*
Surrogate: M2-8:2 FTS	*85.8 %*	*25-150*
Surrogate: M9PFNA	*73.3 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.1**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 08:57	04/30/2020 13:00	STN

Sample Information

Client Sample ID: SB07_0-2 **York Sample ID:** 20D0818-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 11:45 am	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 19:12	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.377	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.268**	J	ug/kg dry	0.0709	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.157**	J	ug/kg dry	0.0490	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0334	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.148**	J	ug/kg dry	0.0831	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**1.68**		ug/kg dry	0.0472	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0644	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.172**	J	ug/kg dry	0.0551	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.125	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
307-55-1	*** Perfluorododecanoic acid (PFDoA)**	**0.0903**	J	ug/kg dry	0.0807	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0468	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0804	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.112	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.112	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**0.155**	J	ug/kg dry	0.0989	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0503	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT

Sample Information

Client Sample ID: **SB07_0-2** **York Sample ID:** **20D0818-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 11:45 am	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0531	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0652**	J	ug/kg dry	0.0551	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0711	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0276	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.264**	J	ug/kg dry	0.197	0.538	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 22:43	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*57.0 %*		*25-150*
Surrogate: M5PFHxA	*54.1 %*		*25-150*
Surrogate: M4PFHpA	*73.6 %*		*25-150*
Surrogate: M3PFHxS	*58.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*63.8 %*		*25-150*
Surrogate: M6PFDA	*60.0 %*		*25-150*
Surrogate: M7PFUdA	*46.3 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*31.2 %*		*25-150*
Surrogate: M2PFTeDA	*23.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*78.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.1 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*52.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*15.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*59.5 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*54.0 %*		*25-150*
Surrogate: M2-6:2 FTS	*151 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*145 %*		*25-150*
Surrogate: M9PFNA	*67.2 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 10:41	04/30/2020 13:03	STN

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 20D0818-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 11:50 am	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 19:29	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.386	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.0994**	J	ug/kg dry	0.0727	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.136**	J	ug/kg dry	0.0502	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0342	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0851	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0483	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0660	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0565	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.128	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0827	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0480	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0824	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.115	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.115	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.101	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0515	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 20D0818-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 11:50 am	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0544	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0565	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0728	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0282	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.202	0.551	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:08	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*63.6 %*	*25-150*
Surrogate: M5PFHxA	*60.9 %*	*25-150*
Surrogate: M4PFHpA	*80.0 %*	*25-150*
Surrogate: M3PFHxS	*67.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*65.0 %*	*25-150*
Surrogate: M6PFDA	*69.5 %*	*25-150*
Surrogate: M7PFUdA	*65.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*60.5 %*	*25-150*
Surrogate: M2PFTeDA	*59.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*87.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*68.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*60.4 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*52.3 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*72.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*68.0 %*	*25-150*
Surrogate: M2-6:2 FTS	*75.1 %*	*25-150*
Surrogate: M2-8:2 FTS	*69.1 %*	*25-150*
Surrogate: M9PFNA	*72.8 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.8**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 10:41	04/30/2020 13:03	STN

Sample Information

Client Sample ID: **SB07_18-20** **York Sample ID:** **20D0818-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 11:55 am	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/01/2020 07:24	05/04/2020 19:46	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*42.0 %*	*39-83.1*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.441	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.123**	J	ug/kg dry	0.0830	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.138**	J	ug/kg dry	0.0573	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0390	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.152**	J	ug/kg dry	0.0972	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0552	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0753	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0645	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.146	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0945	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0548	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0941	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.131	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.131	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0588	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT

Sample Information

Client Sample ID: SB07_18-20 **York Sample ID:** 20D0818-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 11:55 am	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0621	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0645	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0831	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0322	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.230	0.630	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:33	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*67.5 %*		*25-150*
Surrogate: M5PFHxA	*62.4 %*		*25-150*
Surrogate: M4PFHpA	*86.1 %*		*25-150*
Surrogate: M3PFHxS	*70.1 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*68.2 %*		*25-150*
Surrogate: M6PFDA	*81.9 %*		*25-150*
Surrogate: M7PFUdA	*75.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*64.9 %*		*25-150*
Surrogate: M2PFTeDA	*67.9 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*89.9 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*72.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*61.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*54.5 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*72.3 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*90.3 %*		*25-150*
Surrogate: M2-6:2 FTS	*82.2 %*		*25-150*
Surrogate: M2-8:2 FTS	*203 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*75.9 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.3**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 10:41	04/30/2020 13:03	STN

Sample Information

Client Sample ID: SODUP01_042920 **York Sample ID:** 20D0818-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 12:00 am	04/29/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.43	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 12:12	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*39-83.1*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.384	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.427**	J	ug/kg dry	0.0724	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.181**	J	ug/kg dry	0.0500	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0341	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.274**	J	ug/kg dry	0.0848	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**2.15**		ug/kg dry	0.0481	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.115**	J	ug/kg dry	0.0657	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.182**	J	ug/kg dry	0.0562	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
2058-94-8	*** Perfluoroundecanoic acid (PFUnA)**	**0.149**	J	ug/kg dry	0.128	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0824	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0478	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
376-06-7	*** Perfluorotetradecanoic acid (PFTA)**	**0.111**	J	ug/kg dry	0.0821	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.115	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.114	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**0.198**	J	ug/kg dry	0.101	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.0845**	J	ug/kg dry	0.0513	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT

Sample Information

Client Sample ID: SODUP01_042920 **York Sample ID:** 20D0818-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0818	170610601	Soil	April 29, 2020 12:00 am	04/29/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0542	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0562	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0725	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0281	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**1.12**		ug/kg dry	0.201	0.549	1	EPA 537m Certifications:	05/07/2020 11:24	05/11/2020 23:58	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*59.3 %*		*25-150*
Surrogate: M5PFHxA	*51.7 %*		*25-150*
Surrogate: M4PFHpA	*73.0 %*		*25-150*
Surrogate: M3PFHxS	*61.5 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*66.9 %*		*25-150*
Surrogate: M6PFDA	*49.8 %*		*25-150*
Surrogate: M7PFUdA	*32.5 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*15.0 %*	PFSu-L	*25-150*
Surrogate: M2PFTeDA	*3.63 %*	PFSu-L	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*84.2 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*49.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*57.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*0.361 %*	PFSu-L	*10-150*
Surrogate: d3-N-MeFOSAA	*41.4 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*32.4 %*		*25-150*
Surrogate: M2-6:2 FTS	*249 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*151 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*67.0 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2020 10:41	04/30/2020 13:03	STN

Analytical Batch Summary

Batch ID: BD01298 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0818-01	SB04_0-2	04/30/20
20D0818-03	SB04_14-16	04/30/20
20D0818-05	SB06_0-2	04/30/20
20D0818-06	SB06_5-7	04/30/20
20D0818-07	SB06_12-14	04/30/20
BD01298-DUP1	Duplicate	04/30/20

Batch ID: BD01313 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0818-04	SB04_18-20	04/30/20
20D0818-09	SB07_0-2	04/30/20
20D0818-10	SB07_8-10	04/30/20
20D0818-11	SB07_18-20	04/30/20
20D0818-12	SODUP01_042920	04/30/20
BD01313-DUP1	Duplicate	04/30/20

Batch ID: BE00002 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20D0818-01	SB04_0-2	05/01/20
20D0818-03	SB04_14-16	05/01/20
20D0818-04	SB04_18-20	05/01/20
20D0818-05	SB06_0-2	05/01/20
20D0818-06	SB06_5-7	05/01/20
20D0818-07	SB06_12-14	05/01/20
20D0818-09	SB07_0-2	05/01/20
20D0818-10	SB07_8-10	05/01/20
20D0818-11	SB07_18-20	05/01/20
BE00002-BLK1	Blank	05/01/20
BE00002-BS1	LCS	05/01/20

Batch ID: BE00118 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20D0818-12	SODUP01_042920	05/05/20
BE00118-BLK1	Blank	05/05/20
BE00118-BS1	LCS	05/05/20

Batch ID: BE00266 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** KHA

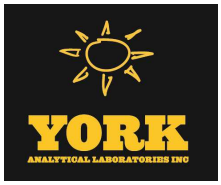
YORK Sample ID	Client Sample ID	Preparation Date
20D0818-01	SB04_0-2	05/07/20

20D0818-03	SB04_14-16	05/07/20
20D0818-04	SB04_18-20	05/07/20
20D0818-05	SB06_0-2	05/07/20
20D0818-06	SB06_5-7	05/07/20
20D0818-07	SB06_12-14	05/07/20
20D0818-09	SB07_0-2	05/07/20
20D0818-10	SB07_8-10	05/07/20
20D0818-11	SB07_18-20	05/07/20
20D0818-12	SODUP01_042920	05/07/20
BE00266-BLK1	Blank	05/07/20
BE00266-BS1	LCS	05/07/20
BE00266-MS1	Matrix Spike	05/07/20
BE00266-MSD1	Matrix Spike Dup	05/07/20

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

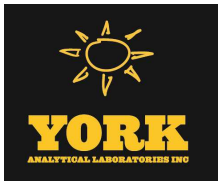
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00002 - EPA 3550C											
Blank (BE00002-BLK1) Blank									Prepared: 05/01/2020 Analyzed: 05/04/2020		
1,4-Dioxane	ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8	*248*		*"*	*495*		*50.0*	*39-83.1*				
LCS (BE00002-BS1) LCS									Prepared: 05/01/2020 Analyzed: 05/04/2020		
1,4-Dioxane	425	9.90	ug/kg	495		85.8	40-130				
Surrogate: 1,4-Dioxane-d8	*277*		*"*	*495*		*56.0*	*39-83.1*				
Batch BE00118 - EPA 3550C											
Blank (BE00118-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,4-Dioxane	ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8	*356*		*"*	*495*		*72.0*	*39-83.1*				
LCS (BE00118-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,4-Dioxane	455	9.90	ug/kg	495		92.0	40-130				
Surrogate: 1,4-Dioxane-d8	*624*		*"*	*495*		*126*	*39-83.1*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

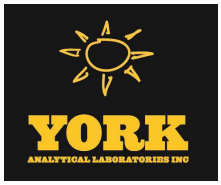
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00266 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BE00266-BLK1) Blank									Prepared: 05/07/2020 Analyzed: 05/11/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	0.478	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	0.0901	0.478	"								
Perfluoroheptanoic acid (PFHpA)	0.102	0.478	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.478	"								
Perfluorooctanoic acid (PFOA)	ND	0.478	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.478	"								
Perfluorononanoic acid (PFNA)	ND	0.478	"								
Perfluorodecanoic acid (PFDA)	ND	0.478	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.478	"								
Perfluorododecanoic acid (PFDoA)	ND	0.478	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.478	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.478	"								
N-MeFOSAA	ND	0.478	"								
N-EtFOSAA	ND	0.478	"								
Perfluoropentanoic acid (PFPeA)	ND	0.478	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.478	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.478	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.478	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.478	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	0.0363	0.478	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.478	"								
Surrogate: M3PFBS	*3.28*		"	*4.44*		*74.0*	*25-150*				
Surrogate: M5PFHxA	*3.42*		"	*4.78*		*71.5*	*25-150*				
Surrogate: M4PFHpA	*4.74*		"	*4.78*		*99.3*	*25-150*				
Surrogate: M3PFHxS	*3.69*		"	*4.52*		*81.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.84*		"	*4.78*		*80.3*	*25-150*				
Surrogate: M6PFDA	*3.92*		"	*4.78*		*82.0*	*25-150*				
Surrogate: M7PFUdA	*3.55*		"	*4.78*		*74.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.94*		"	*4.78*		*61.5*	*25-150*				
Surrogate: M2PFTeDA	*3.42*		"	*4.78*		*71.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.60*		"	*4.78*		*96.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.74*		"	*4.57*		*81.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.37*		"	*4.78*		*70.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.53*		"	*4.78*		*73.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.58*		"	*4.78*		*74.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.01*		"	*4.78*		*84.0*	*25-150*				
Surrogate: M2-6:2 FTS	*5.61*		"	*4.53*		*124*	*25-150*				
Surrogate: M2-8:2 FTS	*5.09*		"	*4.58*		*111*	*25-150*				
Surrogate: M9PFNA	*4.06*		"	*4.78*		*85.0*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

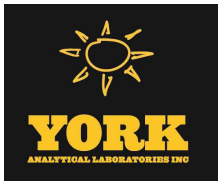
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00266 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BE00266-BS1) LCS								Prepared: 05/07/2020 Analyzed: 05/11/2020			
Perfluorobutanesulfonic acid (PFBS)	4.55	0.478	ug/kg wet	4.23		108	50-130				
Perfluorohexanoic acid (PFHxA)	4.76	0.478	"	4.78		99.6	50-130				
Perfluoroheptanoic acid (PFHpA)	3.74	0.478	"	4.78		78.2	50-130				
Perfluorohexanesulfonic acid (PFHxS)	3.69	0.478	"	3.53		104	50-130				
Perfluorooctanoic acid (PFOA)	5.02	0.478	"	4.78		105	50-130				
Perfluorooctanesulfonic acid (PFOS)	3.74	0.478	"	3.49		107	50-130				
Perfluorononanoic acid (PFNA)	4.62	0.478	"	4.59		101	50-130				
Perfluorodecanoic acid (PFDA)	4.82	0.478	"	4.78		101	50-130				
Perfluoroundecanoic acid (PFUnA)	5.09	0.478	"	4.78		107	50-130				
Perfluorododecanoic acid (PFDoA)	4.99	0.478	"	4.78		104	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.67	0.478	"	4.78		97.7	50-130				
Perfluorotetradecanoic acid (PFTA)	4.97	0.478	"	4.78		104	50-130				
N-MeFOSAA	4.47	0.478	"	4.78		93.7	50-130				
N-EtFOSAA	4.56	0.478	"	4.78		95.4	50-130				
Perfluoropentanoic acid (PFPeA)	4.79	0.478	"	4.78		100	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	5.13	0.478	"	4.78		107	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.27	0.478	"	4.75		111	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.14	0.478	"	4.61		89.9	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.66	0.478	"	4.54		103	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.27	0.478	"	4.59		115	50-130				
Perfluoro-n-butanoic acid (PFBA)	5.03	0.478	"	4.78		105	50-130				
Surrogate: M3PFBS	*3.19*		*"*	*4.44*		*71.9*	*25-150*				
Surrogate: M5PFHxA	*3.27*		*"*	*4.78*		*68.5*	*25-150*				
Surrogate: M4PFHpA	*4.49*		*"*	*4.78*		*94.0*	*25-150*				
Surrogate: M3PFHxS	*3.49*		*"*	*4.52*		*77.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.42*		*"*	*4.78*		*71.6*	*25-150*				
Surrogate: M6PFDA	*3.45*		*"*	*4.78*		*72.2*	*25-150*				
Surrogate: M7PFUdA	*3.37*		*"*	*4.78*		*70.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.44*		*"*	*4.78*		*72.0*	*25-150*				
Surrogate: M2PFTeDA	*3.32*		*"*	*4.78*		*69.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.39*		*"*	*4.78*		*92.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.47*		*"*	*4.57*		*75.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.06*		*"*	*4.78*		*64.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.65*		*"*	*4.78*		*76.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.95*		*"*	*4.78*		*82.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.81*		*"*	*4.78*		*79.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.13*		*"*	*4.53*		*91.1*	*25-150*				
Surrogate: M2-8:2 FTS	*3.84*		*"*	*4.58*		*84.0*	*25-150*				
Surrogate: M9PFNA	*3.62*		*"*	*4.78*		*75.9*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00266 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BE00266-MS1) Matrix Spike	*Source sample: 20D0818-01 (SB04_0-2)								Prepared: 05/07/2020 Analyzed: 05/11/2020		
Perfluorobutanesulfonic acid (PFBS)	4.74	0.525	ug/kg dry	4.65	ND	102	25-150				
Perfluorohexanoic acid (PFHxA)	4.97	0.525	"	5.25	0.148	91.7	25-150				
Perfluoroheptanoic acid (PFHpA)	4.22	0.525	"	5.25	0.200	76.5	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.39	0.525	"	3.89	ND	113	25-150				
Perfluorooctanoic acid (PFOA)	4.99	0.525	"	5.25	0.311	89.1	25-150				
Perfluorooctanesulfonic acid (PFOS)	8.21	0.525	"	3.84	2.48	149	25-150				
Perfluorononanoic acid (PFNA)	4.84	0.525	"	5.04	0.145	93.1	25-150				
Perfluorodecanoic acid (PFDA)	4.69	0.525	"	5.25	0.153	86.4	25-150				
Perfluoroundecanoic acid (PFUnA)	5.02	0.525	"	5.25	0.183	92.0	25-150				
Perfluorododecanoic acid (PFDoA)	4.92	0.525	"	5.25	0.125	91.2	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.51	0.525	"	5.25	0.0869	84.2	25-150				
Perfluorotetradecanoic acid (PFTA)	4.94	0.525	"	5.25	0.0856	92.5	25-150				
N-MeFOSAA	4.53	0.525	"	5.25	ND	86.3	25-150				
N-EtFOSAA	5.33	0.525	"	5.25	0.114	99.3	25-150				
Perfluoropentanoic acid (PFPeA)	4.81	0.525	"	5.25	0.118	89.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.15	0.525	"	5.25	ND	98.1	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.85	0.525	"	5.23	ND	112	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.25	0.525	"	5.07	0.0745	82.4	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.35	0.525	"	4.99	ND	87.1	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.86	0.525	"	5.04	0.0308	116	25-150				
Perfluoro-n-butanoic acid (PFBA)	6.37	0.525	"	5.25	1.28	97.0	25-150				
Surrogate: M3PFBS	*2.94*		"	*4.88*		*60.1*	*25-150*				
Surrogate: M5PFHxA	*3.01*		"	*5.25*		*57.2*	*25-150*				
Surrogate: M4PFHpA	*3.92*		"	*5.25*		*74.7*	*25-150*				
Surrogate: M3PFHxS	*3.18*		"	*4.97*		*63.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.60*		"	*5.25*		*68.6*	*25-150*				
Surrogate: M6PFDA	*3.62*		"	*5.25*		*69.0*	*25-150*				
Surrogate: M7PFUdA	*3.22*		"	*5.25*		*61.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.85*		"	*5.25*		*54.2*	*25-150*				
Surrogate: M2PFTeDA	*2.68*		"	*5.25*		*51.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.05*		"	*5.25*		*77.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.82*		"	*5.03*		*56.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.00*		"	*5.25*		*57.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.60*		"	*5.25*		*49.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.76*		"	*5.25*		*90.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.73*		"	*5.25*		*89.9*	*25-150*				
Surrogate: M2-6:2 FTS	*15.1*		"	*4.99*		*302*	*25-150*				
Surrogate: M2-8:2 FTS	*15.3*		"	*5.03*		*303*	*25-150*				
Surrogate: M9PFNA	*3.64*		"	*5.25*		*69.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00266 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BE00266-M Matrix Spike Dup	*Source sample: 20D0818-01 (SB04_0-2)								Prepared: 05/07/2020 Analyzed: 05/11/2020		
Perfluorobutanesulfonic acid (PFBS)	4.79	0.507	ug/kg dry	4.48	ND	107	25-150		1.14	35	
Perfluorohexanoic acid (PFHxA)	5.08	0.507	"	5.07	0.148	97.4	25-150		2.22	35	
Perfluoroheptanoic acid (PFHpA)	4.28	0.507	"	5.07	0.200	80.6	25-150		1.53	35	
Perfluorohexanesulfonic acid (PFHxS)	4.38	0.507	"	3.75	ND	117	25-150		0.243	35	
Perfluorooctanoic acid (PFOA)	5.10	0.507	"	5.07	0.311	94.6	25-150		2.18	35	
Perfluorooctanesulfonic acid (PFOS)	7.81	0.507	"	3.70	2.48	144	25-150		4.96	35	
Perfluorononanoic acid (PFNA)	4.65	0.507	"	4.86	0.145	92.7	25-150		4.03	35	
Perfluorodecanoic acid (PFDA)	4.71	0.507	"	5.07	0.153	90.0	25-150		0.350	35	
Perfluoroundecanoic acid (PFUnA)	5.26	0.507	"	5.07	0.183	100	25-150		4.68	35	
Perfluorododecanoic acid (PFDoA)	4.92	0.507	"	5.07	0.125	94.7	25-150		0.0959	35	
Perfluorotridecanoic acid (PFTrDA)	4.54	0.507	"	5.07	0.0869	87.9	25-150		0.600	35	
Perfluorotetradecanoic acid (PFTA)	4.91	0.507	"	5.07	0.0856	95.3	25-150		0.662	35	
N-MeFOSAA	4.81	0.507	"	5.07	ND	94.9	25-150		5.92	35	
N-EtFOSAA	4.90	0.507	"	5.07	0.114	94.6	25-150		8.40	35	
Perfluoropentanoic acid (PFPeA)	4.98	0.507	"	5.07	0.118	95.9	25-150		3.40	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.09	0.507	"	5.07	ND	101	25-150		1.15	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.53	0.507	"	5.04	ND	110	25-150		5.58	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.77	0.507	"	4.89	0.0745	75.6	25-150		12.0	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.53	0.507	"	4.81	ND	94.2	25-150		4.10	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.98	0.507	"	4.86	0.0308	122	25-150		1.96	35	
Perfluoro-n-butanoic acid (PFBA)	6.66	0.507	"	5.07	1.28	106	25-150		4.46	35	
Surrogate: M3PFBS	*2.77*		"	*4.71*		*58.9*	*25-150*				
Surrogate: M5PFHxA	*2.85*		"	*5.07*		*56.2*	*25-150*				
Surrogate: M4PFHpA	*3.65*		"	*5.07*		*72.1*	*25-150*				
Surrogate: M3PFHxS	*2.94*		"	*4.79*		*61.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.37*		"	*5.07*		*66.5*	*25-150*				
Surrogate: M6PFDA	*3.38*		"	*5.07*		*66.8*	*25-150*				
Surrogate: M7PFUdA	*2.88*		"	*5.07*		*56.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.59*		"	*5.07*		*51.1*	*25-150*				
Surrogate: M2PFTeDA	*2.47*		"	*5.07*		*48.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.93*		"	*5.07*		*77.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.92*		"	*4.85*		*60.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.81*		"	*5.07*		*55.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.45*		"	*5.07*		*48.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.31*		"	*5.07*		*85.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.19*		"	*5.07*		*82.8*	*25-150*				
Surrogate: M2-6:2 FTS	*14.3*		"	*4.81*		*296*	*25-150*				
Surrogate: M2-8:2 FTS	*14.6*		"	*4.85*		*301*	*25-150*				
Surrogate: M9PFNA	*3.53*		"	*5.07*		*69.6*	*25-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01298 - % Solids Prep											
Duplicate (BD01298-DUP1) Duplicate	*Source sample: 20D0818-07 (SB06_12-14)							Prepared & Analyzed: 04/30/2020			
% Solids	85.9	0.100	%		86.1				0.295	20	
Batch BD01313 - % Solids Prep											
Duplicate (BD01313-DUP1) Duplicate	*Source sample: 20D0818-12 (SODUP01_042920)							Prepared & Analyzed: 04/30/2020			
% Solids	91.8	0.100	%		90.1				1.88	20	

Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 20D0818

Page ____ of ____

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: Same
Address: 360 west 31st Street New York, NY	Address:	Address: Same
Phone.: 2124795400	Phone.:	Phone.: Same
Contact: Kim Semon	Contact: Dina Palazzolo	Contact: Same
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: Same

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day): X

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

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB04_0-2	S	4/29 1410	VOC, SVOC, PCB, Pest, Herb, Metals (hex/tri chromium & cyanide), PFAS, 1,4 dioxane	4oz(1) 8oz(1) 4oz, (1) 16oz
SB04_10-12	S	4/29 1415	↓	
SB04_14-16	S	4/29 1420	↓	
SB04_18-20	S	4/29 1425	HOLD	
SB06_0-2	S	4/29 0900	VOC SVOC PCB PEST herb inorganics (hex tri chrom cyanide) PFAS, 14dioxane	
SB06_5-7	S	4/29 0905	↓	
SB06_12-14	S	4/29 0910	↓	
SB06_18-20	S	4/29 0915	HOLD	
SB07_0-2	S	4/29 1145	VOC SVOC PCB Pest herb inorganics (hex tri chrom cyanide) PFAS, 14dioxane	
SB07_8-10	S	4/29 1150	↓	

Comments:
Part375/TCL VOCs & SVOC
TAL Metals (including hex/trichromd cyanide)

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Langan 1511	4/29/20 1511		4/28/20		4/28/20 1750
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				TC Mahl	4/29/20 1750

Temp. Received at Lab: 3.5 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20D0818

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: same
Address: 360 west 31st Street NewYorkNY 10001	Address:	Address: same
Phone.: 212 479 5400	Phone.:	Phone.: same
Contact: Kim Semon	Contact: Dina Palazzolo	Contact: same
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: same

YOUR Project Number: 170161601

YOUR Project Name: 475 Bay street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
		Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB07-18-20	S	4/29 1155	VOC, SVOC, PCB, Pest, Herb, Metals (hex chromium & cyanide), PFAS & 1,4 dioxane	9 vials, (1) 8oz, (1) 4oz, (1) 8oz
SODUP01-042920	S	4/29 —	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deirdre Casey Langan	4/29 1511	E Shafer	4/29/20	E Shafer	4/29/20 1750
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC Mahler	4/29/20 1750 / 3.5 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 06/15/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0849

Revision No. 1.0

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

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Report Date: 06/15/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0849

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 30, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20D0849-01	SB16_0-2	Soil	04/30/2020	04/30/2020
20D0849-02	SB16_14-16	Soil	04/30/2020	04/30/2020
20D0849-03	SB16_18-20	Soil	04/30/2020	04/30/2020
20D0849-04	SB12_0-2	Soil	04/30/2020	04/30/2020
20D0849-05	SB12_8-10	Soil	04/30/2020	04/30/2020
20D0849-06	SB12_18-20	Soil	04/30/2020	04/30/2020
20D0849-07	SB11_0-2	Soil	04/30/2020	04/30/2020
20D0849-08	SB11_10-12	Soil	04/30/2020	04/30/2020
20D0849-09	SB11_14-16	Soil	04/30/2020	04/30/2020
20D0849-10	SOFB02_043020	Water	04/30/2020	04/30/2020
20D0849-11	MW06_043020	Water	04/30/2020	04/30/2020
20D0849-12	MW08_043020	Water	04/30/2020	04/30/2020
20D0849-13	MW05_043020	Water	04/30/2020	04/30/2020
20D0849-14	GWDUP01_043020	Water	04/30/2020	04/30/2020
20D0849-15	GWFB01_043020	Water	04/30/2020	04/30/2020

General Notes for York Project (SDG) No.: 20D0849

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

Approved By: 

Date: 06/15/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0849-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 17:20	KH

Surrogate Recoveries	Result		Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*38.0 %*	S-08	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.350	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0660	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0456	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0310	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.313**	J	ug/kg dry	0.0773	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.393**	J	ug/kg dry	0.0438	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0599	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.0606**	J	ug/kg dry	0.0513	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.116	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0751	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0435	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0748	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.105	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.104	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0920	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.0522**	J	ug/kg dry	0.0468	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0849-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0494	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0513	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0661	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0256	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.185**	J	ug/kg dry	0.183	0.501	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:17	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*61.9 %*		*25-150*
Surrogate: M5PFHxA	*60.5 %*		*25-150*
Surrogate: M4PFHpA	*72.0 %*		*25-150*
Surrogate: M3PFHxS	*63.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*70.4 %*		*25-150*
Surrogate: M6PFDA	*70.2 %*		*25-150*
Surrogate: M7PFUdA	*57.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*55.2 %*		*25-150*
Surrogate: M2PFTeDA	*58.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*88.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*61.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*51.8 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*64.4 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*74.2 %*		*25-150*
Surrogate: M2-6:2 FTS	*117 %*		*25-150*
Surrogate: M2-8:2 FTS	*174 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*77.7 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.1**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0849-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 12:46	KH

Surrogate Recoveries	Result		Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*50.0 %*	S-08	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.372	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0700	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0484	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0329	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0820	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0465	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0635	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0544	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.124	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0797	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0462	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0794	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.111	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.111	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0977	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0496	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0849-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0524	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0544	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0701	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0272	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.194	0.531	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 08:42	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*70.6 %*	*25-150*
Surrogate: M5PFHxA	*71.5 %*	*25-150*
Surrogate: M4PFHpA	*81.1 %*	*25-150*
Surrogate: M3PFHxS	*73.8 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.7 %*	*25-150*
Surrogate: M6PFDA	*82.0 %*	*25-150*
Surrogate: M7PFUdA	*76.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*70.0 %*	*25-150*
Surrogate: M2PFTeDA	*66.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*105 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*76.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*74.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.8 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*76.4 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*67.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*77.7 %*	*25-150*
Surrogate: M2-8:2 FTS	*86.9 %*	*25-150*
Surrogate: M9PFNA	*83.5 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.3**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: **SB16_18-20** **York Sample ID:** **20D0849-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 13:03	KH

Surrogate Recoveries	Result		Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*28.0 %*	S-08	*39-83.1*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.446	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0841	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0580	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0395	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.165**	J	ug/kg dry	0.0985	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0559	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0763	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0653	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.148	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0957	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0555	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0953	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.133	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.133	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0596	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0849-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0629	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0653	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0842	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0327	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.233	0.638	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:07	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*74.8 %*	*25-150*
Surrogate: M5PFHxA	*75.3 %*	*25-150*
Surrogate: M4PFHpA	*83.1 %*	*25-150*
Surrogate: M3PFHxS	*75.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*72.9 %*	*25-150*
Surrogate: M6PFDA	*56.1 %*	*25-150*
Surrogate: M7PFUdA	*50.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*43.4 %*	*25-150*
Surrogate: M2PFTeDA	*37.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*110 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*76.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*45.9 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*48.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*47.2 %*	*25-150*
Surrogate: M2-6:2 FTS	*73.8 %*	*25-150*
Surrogate: M2-8:2 FTS	*53.3 %*	*25-150*
Surrogate: M9PFNA	*66.9 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.9**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0849-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 13:20	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.355	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0668	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0461	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0314	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.166**	J	ug/kg dry	0.0783	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.292**	J	ug/kg dry	0.0444	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0606	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0519	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.118	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0760	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0441	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0757	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.106	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.106	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**0.111**	J	ug/kg dry	0.0932	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0473	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0849-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0500	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0519	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0669	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0260	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.185	0.507	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:32	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*67.8 %*		*25-150*
Surrogate: M5PFHxA	*70.5 %*		*25-150*
Surrogate: M4PFHpA	*79.2 %*		*25-150*
Surrogate: M3PFHxS	*69.0 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*78.6 %*		*25-150*
Surrogate: M6PFDA	*74.8 %*		*25-150*
Surrogate: M7PFUdA	*63.8 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*64.8 %*		*25-150*
Surrogate: M2PFTeDA	*63.6 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*100 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*62.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*69.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*62.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*84.5 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*86.7 %*		*25-150*
Surrogate: M2-6:2 FTS	*154 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*186 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*83.2 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0849-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.43	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 13:37	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*42.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.385	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0725	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0500	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0341	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0849	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0482	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0658	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0563	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.128	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0825	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0478	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0822	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.115	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.115	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.101	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0514	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0849-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0542	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0563	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0726	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0282	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.201	0.550	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 09:57	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*68.3 %*	*25-150*
Surrogate: M5PFHxA	*70.7 %*	*25-150*
Surrogate: M4PFHpA	*79.9 %*	*25-150*
Surrogate: M3PFHxS	*71.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.4 %*	*25-150*
Surrogate: M6PFDA	*83.6 %*	*25-150*
Surrogate: M7PFUdA	*75.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*71.4 %*	*25-150*
Surrogate: M2PFTeDA	*71.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*100 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*76.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*71.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*66.1 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*78.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*84.1 %*	*25-150*
Surrogate: M2-6:2 FTS	*91.9 %*	*25-150*
Surrogate: M2-8:2 FTS	*128 %*	*25-150*
Surrogate: M9PFNA	*84.6 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.5**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: **SB12_18-20** **York Sample ID:** **20D0849-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 14:11	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*48.0 %*	*39-83.1*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.370	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0698	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0482	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0328	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.0894**	J	ug/kg dry	0.0817	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0464	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0633	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0542	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.123	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0794	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0460	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0791	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.111	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.110	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0973	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0494	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0849-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0522	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0542	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0699	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0271	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.193	0.529	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 11:36	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*66.5 %*	*25-150*
Surrogate: M5PFHxA	*68.3 %*	*25-150*
Surrogate: M4PFHpA	*77.3 %*	*25-150*
Surrogate: M3PFHxS	*70.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*73.2 %*	*25-150*
Surrogate: M6PFDA	*72.2 %*	*25-150*
Surrogate: M7PFUdA	*68.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*67.8 %*	*25-150*
Surrogate: M2PFTeDA	*71.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*99.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*72.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*69.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*57.6 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*67.2 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*72.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*76.5 %*	*25-150*
Surrogate: M2-8:2 FTS	*72.1 %*	*25-150*
Surrogate: M9PFNA	*78.3 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.5**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0849-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 14:28	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.360	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0678	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0468	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0319	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0795	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0451	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0615	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0527	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0772	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0448	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0769	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.107	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.107	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0946	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0481	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0849-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0507	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0527	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0679	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0263	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.188	0.515	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:01	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*64.0 %*		*25-150*
Surrogate: M5PFHxA	*64.9 %*		*25-150*
Surrogate: M4PFHpA	*75.8 %*		*25-150*
Surrogate: M3PFHxS	*67.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*74.4 %*		*25-150*
Surrogate: M6PFDA	*72.5 %*		*25-150*
Surrogate: M7PFUdA	*67.5 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*61.7 %*		*25-150*
Surrogate: M2PFTeDA	*57.2 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*93.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*65.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*51.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*75.6 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*80.5 %*		*25-150*
Surrogate: M2-6:2 FTS	*128 %*		*25-150*
Surrogate: M2-8:2 FTS	*190 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*83.4 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.6**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0849-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 14:46	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*42.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.467	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0880	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0608	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0414	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.113**	J	ug/kg dry	0.103	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0585	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0798	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0684	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.155	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.100	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0581	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0997	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.139	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.139	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0624	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0849-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0658	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0684	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0881	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0342	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.244	0.668	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:25	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*71.4 %*		*25-150*
Surrogate: M5PFHxA	*72.5 %*		*25-150*
Surrogate: M4PFHpA	*82.0 %*		*25-150*
Surrogate: M3PFHxS	*73.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*84.3 %*		*25-150*
Surrogate: M6PFDA	*90.1 %*		*25-150*
Surrogate: M7PFUdA	*66.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*67.7 %*		*25-150*
Surrogate: M2PFTeDA	*73.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*108 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*73.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*73.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.1 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*101 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*100 %*		*25-150*
Surrogate: M2-6:2 FTS	*228 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*365 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*90.6 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**71.1**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: SB11_14-16 **York Sample ID:** 20D0849-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 15:03	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.383	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0720	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0497	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0339	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0844	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0479	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0654	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0560	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.127	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0820	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0476	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0817	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.114	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.114	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.100	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0511	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT

Sample Information

Client Sample ID: SB11_14-16 **York Sample ID:** 20D0849-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0539	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0560	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0722	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0280	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.200	0.547	1	EPA 537m Certifications:	05/05/2020 10:08	05/09/2020 12:50	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*61.9 %*	*25-150*
Surrogate: M5PFHxA	*69.3 %*	*25-150*
Surrogate: M4PFHpA	*78.0 %*	*25-150*
Surrogate: M3PFHxS	*63.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*72.7 %*	*25-150*
Surrogate: M6PFDA	*70.2 %*	*25-150*
Surrogate: M7PFUdA	*63.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*64.8 %*	*25-150*
Surrogate: M2PFTeDA	*65.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*102 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*62.8 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*69.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*58.7 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*67.5 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*67.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*70.9 %*	*25-150*
Surrogate: M2-8:2 FTS	*77.3 %*	*25-150*
Surrogate: M9PFNA	*79.8 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.2**		%	0.100	1	SM 2540G Certifications: CTDOH	05/01/2020 08:37	05/01/2020 12:19	TJM

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0849-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2020 07:55	05/05/2020 16:32	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.294	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.936**	J	ng/L	0.471	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.635	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.281	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.669**	J	ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.292	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**1.94**	J	ng/L	0.452	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0849-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**2.78**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:03	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*57.0 %*	*25-150*
Surrogate: M5PFHxA	*58.4 %*	*25-150*
Surrogate: M4PFHpA	*67.7 %*	*25-150*
Surrogate: M3PFHxS	*59.8 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*60.6 %*	*25-150*
Surrogate: M6PFDA	*59.7 %*	*25-150*
Surrogate: M7PFUdA	*53.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*46.2 %*	*25-150*
Surrogate: M2PFTeDA	*28.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*78.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*58.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*57.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*52.3 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*52.2 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*48.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*64.8 %*	*25-150*
Surrogate: M2-8:2 FTS	*68.5 %*	*25-150*
Surrogate: M9PFNA	*59.3 %*	*25-150*

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0849-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2020 07:55	05/05/2020 16:50	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**9.45**		ng/L	0.294	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**22.3**		ng/L	0.471	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**20.5**		ng/L	0.635	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**2.69**		ng/L	0.281	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**178**		ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**130**		ng/L	0.292	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
375-95-1	* **Perfluorononanoic acid (PFNA)**	**9.87**		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**2.52**		ng/L	0.524	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
376-06-7	* **Perfluorotetradecanoic acid (PFTA)**	**0.537**	J	ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
2991-50-6	* **N-EtFOSAA**	**0.726**	J	ng/L	0.557	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**23.2**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
754-91-6	* **Perfluoro-1-octanesulfonamide (FOSA)**	**0.700**	J	ng/L	0.296	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0849-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**0.894**	J	ng/L	0.415	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**18.2**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 15:28	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*50.4 %*		*25-150*
Surrogate: M5PFHxA	*48.9 %*		*25-150*
Surrogate: M4PFHpA	*58.2 %*		*25-150*
Surrogate: M3PFHxS	*57.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*58.9 %*		*25-150*
Surrogate: M6PFDA	*64.4 %*		*25-150*
Surrogate: M7PFUdA	*49.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*35.3 %*		*25-150*
Surrogate: M2PFTeDA	*8.07 %*	PFSu-L	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*49.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*45.2 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*24.7 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*56.8 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*55.5 %*		*25-150*
Surrogate: M2-6:2 FTS	*208 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*140 %*		*25-150*
Surrogate: M9PFNA	*67.6 %*		*25-150*

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0849-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2020 07:55	05/05/2020 17:08	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**0.933**	J	ng/L	0.294	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**3.22**		ng/L	0.471	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**2.59**		ng/L	0.635	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**0.618**	J	ng/L	0.281	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**27.7**		ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**10.9**		ng/L	0.292	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
375-95-1	* **Perfluorononanoic acid (PFNA)**	**0.984**	J	ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
376-06-7	* **Perfluorotetradecanoic acid (PFTA)**	**0.671**	J	ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
2355-31-9	* **N-MeFOSAA**	**0.712**	J	ng/L	0.529	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**3.08**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
754-91-6	* **Perfluoro-1-octanesulfonamide (FOSA)**	**0.816**	J	ng/L	0.296	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0849-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 10:55 am	04/30/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**5.47**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 16:18	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*50.5 %*		*25-150*
Surrogate: M5PFHxA	*49.1 %*		*25-150*
Surrogate: M4PFHpA	*62.0 %*		*25-150*
Surrogate: M3PFHxS	*54.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*53.5 %*		*25-150*
Surrogate: M6PFDA	*51.5 %*		*25-150*
Surrogate: M7PFUdA	*36.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*26.1 %*		*25-150*
Surrogate: M2PFTeDA	*5.21 %*	PFSu-L	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*48.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*49.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*46.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*31.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*43.0 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*38.9 %*		*25-150*
Surrogate: M2-6:2 FTS	*71.5 %*		*25-150*
Surrogate: M2-8:2 FTS	*63.9 %*		*25-150*
Surrogate: M9PFNA	*56.8 %*		*25-150*

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0849-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2020 07:55	05/05/2020 17:26	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**14.9**		ng/L	0.294	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**17.7**		ng/L	0.471	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**17.2**		ng/L	0.635	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**3.87**		ng/L	0.281	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**143**		ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**84.3**		ng/L	0.292	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
375-95-1	* **Perfluorononanoic acid (PFNA)**	**8.35**		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**1.28**	J	ng/L	0.524	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**16.9**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0849-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 12:00 am	04/30/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**2.42**		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**17.4**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:07	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*48.0 %*		*25-150*
Surrogate: M5PFHxA	*46.8 %*		*25-150*
Surrogate: M4PFHpA	*55.7 %*		*25-150*
Surrogate: M3PFHxS	*54.8 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*58.7 %*		*25-150*
Surrogate: M6PFDA	*60.4 %*		*25-150*
Surrogate: M7PFUdA	*50.8 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*36.6 %*		*25-150*
Surrogate: M2PFTeDA	*11.0 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*40.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*54.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*39.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*24.8 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*48.9 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*50.9 %*		*25-150*
Surrogate: M2-6:2 FTS	*192 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*98.9 %*		*25-150*
Surrogate: M9PFNA	*64.2 %*		*25-150*

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0849-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2020 07:55	05/05/2020 17:44	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**0.894**	J	ng/L	0.294	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**3.18**		ng/L	0.471	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**2.32**		ng/L	0.635	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**0.681**	J	ng/L	0.281	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**27.5**		ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**12.3**		ng/L	0.292	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
375-95-1	* **Perfluorononanoic acid (PFNA)**	**0.741**	J	ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**2.79**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0849-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 12:00 am	04/30/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**4.94**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:32	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*52.9 %*	*25-150*
Surrogate: M5PFHxA	*52.9 %*	*25-150*
Surrogate: M4PFHpA	*65.2 %*	*25-150*
Surrogate: M3PFHxS	*56.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*59.9 %*	*25-150*
Surrogate: M6PFDA	*61.6 %*	*25-150*
Surrogate: M7PFUdA	*49.9 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*44.0 %*	*25-150*
Surrogate: M2PFTeDA	*25.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*62.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*51.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*33.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*49.4 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*47.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*88.5 %*	*25-150*
Surrogate: M2-8:2 FTS	*68.5 %*	*25-150*
Surrogate: M9PFNA	*60.4 %*	*25-150*

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0849-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2020 07:55	05/05/2020 18:01	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.294	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.471	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.635	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.281	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.551**	J	ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.292	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**0.719**	J	ng/L	0.452	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0849-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0849	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**2.24**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/05/2020 11:58	05/08/2020 17:57	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*53.8 %*	*25-150*
Surrogate: M5PFHxA	*54.3 %*	*25-150*
Surrogate: M4PFHpA	*64.1 %*	*25-150*
Surrogate: M3PFHxS	*57.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*56.7 %*	*25-150*
Surrogate: M6PFDA	*58.7 %*	*25-150*
Surrogate: M7PFUdA	*53.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*50.2 %*	*25-150*
Surrogate: M2PFTeDA	*32.2 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*75.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*57.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*53.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*48.4 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*51.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*49.0 %*	*25-150*
Surrogate: M2-6:2 FTS	*57.6 %*	*25-150*
Surrogate: M2-8:2 FTS	*65.3 %*	*25-150*
Surrogate: M9PFNA	*58.3 %*	*25-150*

Analytical Batch Summary

Batch ID: BE00012 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0849-01	SB16_0-2	05/01/20
20D0849-02	SB16_14-16	05/01/20
20D0849-03	SB16_18-20	05/01/20
20D0849-04	SB12_0-2	05/01/20
20D0849-05	SB12_8-10	05/01/20
20D0849-06	SB12_18-20	05/01/20
20D0849-07	SB11_0-2	05/01/20
20D0849-08	SB11_10-12	05/01/20
20D0849-09	SB11_14-16	05/01/20
BE00012-DUP1	Duplicate	05/01/20

Batch ID: BE00069 **Preparation Method:** EPA 3535A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20D0849-10	SOFB02_043020	05/04/20
20D0849-11	MW06_043020	05/04/20
20D0849-12	MW08_043020	05/04/20
20D0849-13	MW05_043020	05/04/20
20D0849-14	GWDUP01_043020	05/04/20
20D0849-15	GWFB01_043020	05/04/20
BE00069-BLK1	Blank	05/04/20
BE00069-BS1	LCS	05/04/20

Batch ID: BE00118 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20D0849-01	SB16_0-2	05/05/20
20D0849-02	SB16_14-16	05/05/20
20D0849-03	SB16_18-20	05/05/20
20D0849-04	SB12_0-2	05/05/20
20D0849-05	SB12_8-10	05/05/20
20D0849-06	SB12_18-20	05/05/20
20D0849-07	SB11_0-2	05/05/20
20D0849-08	SB11_10-12	05/05/20
20D0849-09	SB11_14-16	05/05/20
BE00118-BLK1	Blank	05/05/20
BE00118-BS1	LCS	05/05/20
BE00118-MS1	Matrix Spike	05/05/20

Batch ID: BE00136 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** KT

YORK Sample ID	Client Sample ID	Preparation Date
20D0849-01	SB16_0-2	05/05/20
20D0849-02	SB16_14-16	05/05/20

20D0849-03	SB16_18-20	05/05/20
20D0849-04	SB12_0-2	05/05/20
20D0849-05	SB12_8-10	05/05/20
20D0849-06	SB12_18-20	05/05/20
20D0849-07	SB11_0-2	05/05/20
20D0849-08	SB11_10-12	05/05/20
20D0849-09	SB11_14-16	05/05/20
BE00136-BLK1	Blank	05/05/20
BE00136-BS1	LCS	05/05/20
BE00136-MS1	Matrix Spike	05/05/20
BE00136-MSD1	Matrix Spike Dup	05/05/20

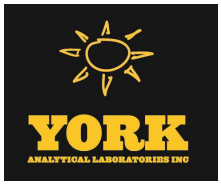
Batch ID: BE00144 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20D0849-10	SOFB02_043020	05/05/20
20D0849-11	MW06_043020	05/05/20
20D0849-12	MW08_043020	05/05/20
20D0849-13	MW05_043020	05/05/20
20D0849-14	GWDUP01_043020	05/05/20
20D0849-15	GWFB01_043020	05/05/20
BE00144-BLK1	Blank	05/05/20
BE00144-BS1	LCS	05/05/20
BE00144-BS2	LCS	05/05/20
BE00144-BS3	LCS	05/05/20
BE00144-BS4	LCS	05/05/20
BE00144-DUP1	Duplicate	05/05/20
BE00144-MS1	Matrix Spike	05/05/20

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

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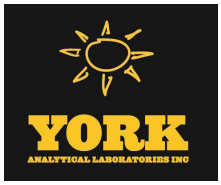
Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00069 - EPA 3535A												
Blank (BE00069-BLK1)	Blank									Prepared: 05/04/2020 Analyzed: 05/05/2020		
1,4-Dioxane		ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8		*3.40*		*"*	*5.00*		*68.0*	*36.6-118*				
LCS (BE00069-BS1)	LCS									Prepared: 05/04/2020 Analyzed: 05/05/2020		
1,4-Dioxane		5.58	0.200	ug/L	5.00		112	50-130				
Surrogate: 1,4-Dioxane-d8		*3.40*		*"*	*5.00*		*68.0*	*36.6-118*				
Batch BE00118 - EPA 3550C												
Blank (BE00118-BLK1)	Blank									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,4-Dioxane		ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8		*356*		*"*	*495*		*72.0*	*39-83.1*				
LCS (BE00118-BS1)	LCS									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,4-Dioxane		455	9.90	ug/kg	495		92.0	40-130				
Surrogate: 1,4-Dioxane-d8		*624*		*"*	*495*		*126*	*39-83.1*				
Matrix Spike (BE00118-MS1)	Matrix Spike	*Source sample: 20D0849-04 (SB12_0-2)								Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,4-Dioxane		495	9.90	ug/kg	495	ND	100	40-130				
Surrogate: 1,4-Dioxane-d8		*287*		*"*	*495*		*58.0*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

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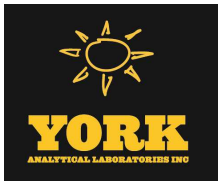
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00136 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BE00136-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/09/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	0.490	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.490	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.490	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.490	"								
Perfluorooctanoic acid (PFOA)	ND	0.490	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.490	"								
Perfluorononanoic acid (PFNA)	ND	0.490	"								
Perfluorodecanoic acid (PFDA)	ND	0.490	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.490	"								
Perfluorododecanoic acid (PFDoA)	ND	0.490	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.490	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.490	"								
N-MeFOSAA	ND	0.490	"								
N-EtFOSAA	ND	0.490	"								
Perfluoropentanoic acid (PFPeA)	ND	0.490	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.490	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.490	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.490	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.490	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.490	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.490	"								
Surrogate: M3PFBS	*3.67*		"	*4.55*		*80.8*	*25-150*				
Surrogate: M5PFHxA	*3.94*		"	*4.90*		*80.6*	*25-150*				
Surrogate: M4PFHpA	*4.15*		"	*4.90*		*84.8*	*25-150*				
Surrogate: M3PFHxS	*3.81*		"	*4.63*		*82.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.22*		"	*4.90*		*86.2*	*25-150*				
Surrogate: M6PFDA	*4.06*		"	*4.90*		*83.0*	*25-150*				
Surrogate: M7PFUdA	*3.92*		"	*4.90*		*80.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.28*		"	*4.90*		*87.5*	*25-150*				
Surrogate: M2PFTeDA	*3.99*		"	*4.90*		*81.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.63*		"	*4.90*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.01*		"	*4.69*		*85.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.93*		"	*4.90*		*80.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.63*		"	*4.90*		*74.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.82*		"	*4.90*		*77.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.00*		"	*4.90*		*81.7*	*25-150*				
Surrogate: M2-6:2 FTS	*4.34*		"	*4.65*		*93.4*	*25-150*				
Surrogate: M2-8:2 FTS	*4.17*		"	*4.69*		*89.0*	*25-150*				
Surrogate: M9PFNA	*4.63*		"	*4.90*		*94.5*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

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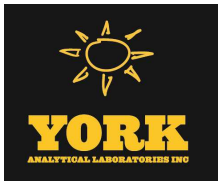
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00136 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BE00136-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/09/2020		
Perfluorobutanesulfonic acid (PFBS)	4.24	0.481	ug/kg wet	4.26		99.6	50-130				
Perfluorohexanoic acid (PFHxA)	4.52	0.481	"	4.81		93.9	50-130				
Perfluoroheptanoic acid (PFHpA)	4.23	0.481	"	4.81		87.9	50-130				
Perfluorohexanesulfonic acid (PFHxS)	3.40	0.481	"	3.56		95.6	50-130				
Perfluorooctanoic acid (PFOA)	4.25	0.481	"	4.81		88.3	50-130				
Perfluorooctanesulfonic acid (PFOS)	3.28	0.481	"	3.51		93.5	50-130				
Perfluorononanoic acid (PFNA)	4.04	0.481	"	4.62		87.5	50-130				
Perfluorodecanoic acid (PFDA)	4.48	0.481	"	4.81		93.1	50-130				
Perfluoroundecanoic acid (PFUnA)	4.40	0.481	"	4.81		91.5	50-130				
Perfluorododecanoic acid (PFDoA)	4.48	0.481	"	4.81		93.2	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.38	0.481	"	4.81		91.0	50-130				
Perfluorotetradecanoic acid (PFTA)	4.51	0.481	"	4.81		93.9	50-130				
N-MeFOSAA	4.62	0.481	"	4.81		96.0	50-130				
N-EtFOSAA	4.45	0.481	"	4.81		92.5	50-130				
Perfluoropentanoic acid (PFPeA)	4.44	0.481	"	4.81		92.4	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.93	0.481	"	4.81		103	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.84	0.481	"	4.78		101	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.02	0.481	"	4.64		86.5	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.99	0.481	"	4.57		87.3	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.48	0.481	"	4.62		119	50-130				
Perfluoro-n-butanoic acid (PFBA)	4.57	0.481	"	4.81		95.1	50-130				
Surrogate: M3PFBS	*3.24*		"	*4.47*		*72.6*	*25-150*				
Surrogate: M5PFHxA	*3.47*		"	*4.81*		*72.2*	*25-150*				
Surrogate: M4PFHpA	*3.71*		"	*4.81*		*77.2*	*25-150*				
Surrogate: M3PFHxS	*3.38*		"	*4.55*		*74.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.74*		"	*4.81*		*77.7*	*25-150*				
Surrogate: M6PFDA	*3.61*		"	*4.81*		*75.1*	*25-150*				
Surrogate: M7PFUdA	*3.44*		"	*4.81*		*71.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.47*		"	*4.81*		*72.1*	*25-150*				
Surrogate: M2PFTeDA	*3.41*		"	*4.81*		*70.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.04*		"	*4.81*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.44*		"	*4.60*		*74.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.54*		"	*4.81*		*73.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.16*		"	*4.81*		*65.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.51*		"	*4.81*		*73.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.22*		"	*4.81*		*66.9*	*25-150*				
Surrogate: M2-6:2 FTS	*3.82*		"	*4.56*		*83.8*	*25-150*				
Surrogate: M2-8:2 FTS	*3.59*		"	*4.61*		*77.9*	*25-150*				
Surrogate: M9PFNA	*4.06*		"	*4.81*		*84.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

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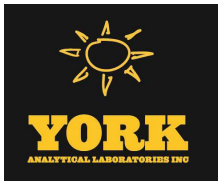
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00136 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BE00136-MS1) Matrix Spike	*Source sample: 20D0849-04 (SB12_0-2)								Prepared: 05/05/2020 Analyzed: 05/09/2020		
Perfluorobutanesulfonic acid (PFBS)	4.40	0.522	ug/kg dry	4.62	ND	95.1	25-150				
Perfluorohexanoic acid (PFHxA)	4.58	0.522	"	5.22	ND	87.7	25-150				
Perfluoroheptanoic acid (PFHpA)	4.17	0.522	"	5.22	ND	79.7	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.30	0.522	"	3.87	ND	111	25-150				
Perfluorooctanoic acid (PFOA)	4.73	0.522	"	5.22	0.166	87.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	5.03	0.522	"	3.81	0.292	124	25-150				
Perfluorononanoic acid (PFNA)	4.22	0.522	"	5.01	ND	84.1	25-150				
Perfluorodecanoic acid (PFDA)	4.40	0.522	"	5.22	ND	84.2	25-150				
Perfluoroundecanoic acid (PFUnA)	4.56	0.522	"	5.22	ND	87.3	25-150				
Perfluorododecanoic acid (PFDoA)	4.30	0.522	"	5.22	ND	82.3	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.16	0.522	"	5.22	ND	79.7	25-150				
Perfluorotetradecanoic acid (PFTA)	4.50	0.522	"	5.22	ND	86.2	25-150				
N-MeFOSAA	4.11	0.522	"	5.22	ND	78.7	25-150				
N-EtFOSAA	4.77	0.522	"	5.22	ND	91.3	25-150				
Perfluoropentanoic acid (PFPeA)	4.56	0.522	"	5.22	0.111	85.2	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.59	0.522	"	5.22	ND	87.8	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.98	0.522	"	5.20	ND	95.9	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.55	0.522	"	5.04	ND	70.5	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.24	0.522	"	4.96	ND	85.4	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.50	0.522	"	5.01	ND	110	25-150				
Perfluoro-n-butanoic acid (PFBA)	4.97	0.522	"	5.22	ND	95.1	25-150				
Surrogate: M3PFBS	*3.07*		"	*4.85*		*63.3*	*25-150*				
Surrogate: M5PFHxA	*3.33*		"	*5.22*		*63.8*	*25-150*				
Surrogate: M4PFHpA	*3.90*		"	*5.22*		*74.7*	*25-150*				
Surrogate: M3PFHxS	*3.19*		"	*4.94*		*64.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.88*		"	*5.22*		*74.2*	*25-150*				
Surrogate: M6PFDA	*3.95*		"	*5.22*		*75.7*	*25-150*				
Surrogate: M7PFUdA	*3.65*		"	*5.22*		*69.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.79*		"	*5.22*		*72.6*	*25-150*				
Surrogate: M2PFTeDA	*3.72*		"	*5.22*		*71.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.68*		"	*5.22*		*89.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.22*		"	*5.00*		*64.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.32*		"	*5.22*		*63.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.30*		"	*5.22*		*63.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.45*		"	*5.22*		*85.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.53*		"	*5.22*		*86.8*	*25-150*				
Surrogate: M2-6:2 FTS	*7.15*		"	*4.96*		*144*	*25-150*				
Surrogate: M2-8:2 FTS	*8.75*		"	*5.00*		*175*	*25-150*				
Surrogate: M9PFNA	*4.26*		"	*5.22*		*81.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

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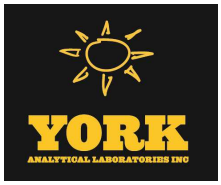
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00136 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BE00136-M Matrix Spike Dup	*Source sample: 20D0849-04 (SB12_0-2)								Prepared: 05/05/2020 Analyzed: 05/09/2020		
Perfluorobutanesulfonic acid (PFBS)	4.26	0.524	ug/kg dry	4.63	ND	91.9	25-150		3.18	35	
Perfluorohexanoic acid (PFHxA)	4.15	0.524	"	5.24	ND	79.2	25-150		9.97	35	
Perfluoroheptanoic acid (PFHpA)	4.21	0.524	"	5.24	ND	80.3	25-150		0.985	35	
Perfluorohexanesulfonic acid (PFHxS)	3.98	0.524	"	3.87	ND	103	25-150		7.65	35	
Perfluorooctanoic acid (PFOA)	4.68	0.524	"	5.24	0.166	86.3	25-150		0.886	35	
Perfluorooctanesulfonic acid (PFOS)	4.87	0.524	"	3.82	0.292	120	25-150		3.08	35	
Perfluorononanoic acid (PFNA)	4.24	0.524	"	5.03	ND	84.3	25-150		0.507	35	
Perfluorodecanoic acid (PFDA)	4.31	0.524	"	5.24	ND	82.3	25-150		2.06	35	
Perfluoroundecanoic acid (PFUnA)	4.53	0.524	"	5.24	ND	86.6	25-150		0.604	35	
Perfluorododecanoic acid (PFDoA)	3.57	0.524	"	5.24	ND	68.2	25-150		18.5	35	
Perfluorotridecanoic acid (PFTrDA)	4.15	0.524	"	5.24	ND	79.3	25-150		0.267	35	
Perfluorotetradecanoic acid (PFTA)	4.48	0.524	"	5.24	ND	85.5	25-150		0.479	35	
N-MeFOSAA	4.61	0.524	"	5.24	ND	88.0	25-150		11.4	35	
N-EtFOSAA	4.31	0.524	"	5.24	ND	82.3	25-150		10.2	35	
Perfluoropentanoic acid (PFPeA)	4.59	0.524	"	5.24	0.111	85.5	25-150		0.557	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.75	0.524	"	5.24	ND	90.8	25-150		3.57	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.07	0.524	"	5.21	ND	97.4	25-150		1.81	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.65	0.524	"	5.05	ND	72.2	25-150		2.60	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.24	0.524	"	4.97	ND	85.2	25-150		0.0152	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.21	0.524	"	5.03	ND	104	25-150		5.39	35	
Perfluoro-n-butanoic acid (PFBA)	4.83	0.524	"	5.24	ND	92.2	25-150		2.75	35	
Surrogate: M3PFBS	*3.32*		*"*	*4.86*		*68.3*	*25-150*				
Surrogate: M5PFHxA	*3.56*		*"*	*5.24*		*68.0*	*25-150*				
Surrogate: M4PFHpA	*4.21*		*"*	*5.24*		*80.4*	*25-150*				
Surrogate: M3PFHxS	*3.56*		*"*	*4.95*		*71.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.18*		*"*	*5.24*		*79.9*	*25-150*				
Surrogate: M6PFDA	*4.09*		*"*	*5.24*		*78.0*	*25-150*				
Surrogate: M7PFUdA	*3.44*		*"*	*5.24*		*65.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.57*		*"*	*5.24*		*68.1*	*25-150*				
Surrogate: M2PFTeDA	*3.44*		*"*	*5.24*		*65.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.24*		*"*	*5.24*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.24*		*"*	*5.01*		*64.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.55*		*"*	*5.24*		*67.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.42*		*"*	*5.24*		*65.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.37*		*"*	*5.24*		*83.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.98*		*"*	*5.24*		*95.0*	*25-150*				
Surrogate: M2-6:2 FTS	*7.87*		*"*	*4.97*		*158*	*25-150*				
Surrogate: M2-8:2 FTS	*10.0*		*"*	*5.02*		*200*	*25-150*				
Surrogate: M9PFNA	*4.41*		*"*	*5.24*		*84.1*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

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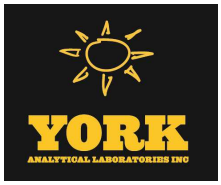
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00144 - SPE Ext-PFAS-EPA 537.1M											
Blank (BE00144-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/08/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	0.883	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	0.576	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	2.72	2.00	"								
Surrogate: M3PFBS	*41.1*		"	*74.3*		*55.3*	*25-150*				
Surrogate: M5PFHxA	*46.2*		"	*80.0*		*57.7*	*25-150*				
Surrogate: M4PFHpA	*49.6*		"	*80.0*		*62.0*	*25-150*				
Surrogate: M3PFHxS	*44.2*		"	*75.7*		*58.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*48.2*		"	*80.0*		*60.3*	*25-150*				
Surrogate: M6PFDA	*53.3*		"	*80.0*		*66.7*	*25-150*				
Surrogate: M7PFUdA	*48.1*		"	*80.0*		*60.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*46.7*		"	*80.0*		*58.4*	*25-150*				
Surrogate: M2PFTeDA	*38.7*		"	*80.0*		*48.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*51.5*		"	*80.0*		*64.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*45.0*		"	*76.6*		*58.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*45.5*		"	*80.0*		*56.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*43.5*		"	*80.0*		*54.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.9*		"	*80.0*		*62.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*48.3*		"	*80.0*		*60.3*	*25-150*				
Surrogate: M2-6:2 FTS	*48.5*		"	*75.9*		*63.9*	*25-150*				
Surrogate: M2-8:2 FTS	*56.1*		"	*76.6*		*73.2*	*25-150*				
Surrogate: M9PFNA	*50.5*		"	*80.0*		*63.1*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

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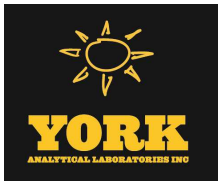
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00144 - SPE Ext-PFAS-EPA 537.1M											
LCS (BE00144-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/08/2020		
Perfluorobutanesulfonic acid (PFBS)	73.0	2.00	ng/L	70.8		103	50-130				
Perfluorohexanoic acid (PFHxA)	79.0	2.00	"	80.0		98.8	50-130				
Perfluoroheptanoic acid (PFHpA)	72.7	2.00	"	80.0		90.9	50-130				
Perfluorohexanesulfonic acid (PFHxS)	57.8	2.00	"	59.2		97.7	50-130				
Perfluorooctanoic acid (PFOA)	80.2	2.00	"	80.0		100	50-130				
Perfluorooctanesulfonic acid (PFOS)	58.8	2.00	"	58.4		101	50-130				
Perfluorononanoic acid (PFNA)	71.2	2.00	"	76.8		92.7	50-130				
Perfluorodecanoic acid (PFDA)	74.1	2.00	"	80.0		92.6	50-130				
Perfluoroundecanoic acid (PFUnA)	80.6	2.00	"	80.0		101	50-130				
Perfluorododecanoic acid (PFDoA)	77.0	2.00	"	80.0		96.3	50-130				
Perfluorotridecanoic acid (PFTrDA)	64.2	2.00	"	80.0		80.3	50-130				
Perfluorotetradecanoic acid (PFTA)	74.6	2.00	"	80.0		93.3	50-130				
N-MeFOSAA	71.7	2.00	"	80.0		89.7	50-130				
N-EtFOSAA	79.6	2.00	"	80.0		99.5	50-130				
Perfluoropentanoic acid (PFPeA)	77.2	2.00	"	80.0		96.6	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	77.8	2.00	"	80.0		97.2	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	87.9	2.00	"	79.6		110	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	64.9	2.00	"	77.2		84.1	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	65.6	5.00	"	76.0		86.3	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	84.9	2.00	"	76.8		111	50-130				
Perfluoro-n-butanoic acid (PFBA)	78.6	2.00	"	80.0		98.2	50-130				
Surrogate: M3PFBS	*45.5*		"	*74.3*		*61.2*	*25-150*				
Surrogate: M5PFHxA	*50.5*		"	*80.0*		*63.1*	*25-150*				
Surrogate: M4PFHpA	*54.9*		"	*80.0*		*68.6*	*25-150*				
Surrogate: M3PFHxS	*48.6*		"	*75.7*		*64.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*49.4*		"	*80.0*		*61.8*	*25-150*				
Surrogate: M6PFDA	*56.5*		"	*80.0*		*70.7*	*25-150*				
Surrogate: M7PFUdA	*47.2*		"	*80.0*		*59.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*45.6*		"	*80.0*		*57.0*	*25-150*				
Surrogate: M2PFTeDA	*31.0*		"	*80.0*		*38.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*68.6*		"	*80.0*		*85.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*46.0*		"	*76.6*		*60.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*49.5*		"	*80.0*		*61.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*49.4*		"	*80.0*		*61.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*53.9*		"	*80.0*		*67.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*47.4*		"	*80.0*		*59.3*	*25-150*				
Surrogate: M2-6:2 FTS	*59.8*		"	*75.9*		*78.8*	*25-150*				
Surrogate: M2-8:2 FTS	*60.8*		"	*76.6*		*79.4*	*25-150*				
Surrogate: M9PFNA	*52.5*		"	*80.0*		*65.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00144 - SPE Ext-PFAS-EPA 537.1M											
LCS (BE00144-BS2) LCS									Prepared: 05/05/2020 Analyzed: 05/08/2020		
Perfluorobutanesulfonic acid (PFBS)	71.0	2.00	ng/L	70.8		100	50-130				
Perfluorohexanoic acid (PFHxA)	71.9	2.00	"	80.0		89.9	50-130				
Perfluoroheptanoic acid (PFHpA)	68.8	2.00	"	80.0		85.9	50-130				
Perfluorohexanesulfonic acid (PFHxS)	57.9	2.00	"	59.2		97.8	50-130				
Perfluorooctanoic acid (PFOA)	73.5	2.00	"	80.0		91.9	50-130				
Perfluorooctanesulfonic acid (PFOS)	53.3	2.00	"	58.4		91.3	50-130				
Perfluorononanoic acid (PFNA)	69.4	2.00	"	76.8		90.4	50-130				
Perfluorodecanoic acid (PFDA)	75.0	2.00	"	80.0		93.8	50-130				
Perfluoroundecanoic acid (PFUnA)	76.6	2.00	"	80.0		95.7	50-130				
Perfluorododecanoic acid (PFDoA)	73.2	2.00	"	80.0		91.5	50-130				
Perfluorotridecanoic acid (PFTrDA)	65.2	2.00	"	80.0		81.5	50-130				
Perfluorotetradecanoic acid (PFTA)	78.0	2.00	"	80.0		97.5	50-130				
N-MeFOSAA	69.9	2.00	"	80.0		87.4	50-130				
N-EtFOSAA	73.0	2.00	"	80.0		91.3	50-130				
Perfluoropentanoic acid (PFPeA)	75.0	2.00	"	80.0		93.7	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	79.0	2.00	"	80.0		98.8	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	85.9	2.00	"	79.6		108	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	68.4	2.00	"	77.2		88.6	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	77.0	5.00	"	76.0		101	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	83.7	2.00	"	76.8		109	50-130				
Perfluoro-n-butanoic acid (PFBA)	78.1	2.00	"	80.0		97.7	50-130				
Surrogate: M3PFBS	*39.6*		"	*74.3*		*53.3*	*25-150*				
Surrogate: M5PFHxA	*44.4*		"	*80.0*		*55.5*	*25-150*				
Surrogate: M4PFHpA	*48.2*		"	*80.0*		*60.2*	*25-150*				
Surrogate: M3PFHxS	*41.9*		"	*75.7*		*55.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*45.7*		"	*80.0*		*57.1*	*25-150*				
Surrogate: M6PFDA	*48.6*		"	*80.0*		*60.7*	*25-150*				
Surrogate: M7PFUdA	*43.4*		"	*80.0*		*54.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*43.9*		"	*80.0*		*54.9*	*25-150*				
Surrogate: M2PFTeDA	*33.5*		"	*80.0*		*41.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*58.4*		"	*80.0*		*73.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*41.8*		"	*76.6*		*54.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*42.4*		"	*80.0*		*53.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*40.0*		"	*80.0*		*50.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.2*		"	*80.0*		*60.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*44.1*		"	*80.0*		*55.1*	*25-150*				
Surrogate: M2-6:2 FTS	*46.8*		"	*75.9*		*61.6*	*25-150*				
Surrogate: M2-8:2 FTS	*49.3*		"	*76.6*		*64.4*	*25-150*				
Surrogate: M9PFNA	*46.6*		"	*80.0*		*58.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00144 - SPE Ext-PFAS-EPA 537.1M											
LCS (BE00144-BS3) LCS									Prepared: 05/05/2020 Analyzed: 05/08/2020		
Perfluorobutanesulfonic acid (PFBS)	75.0	2.00	ng/L	70.8		106	50-130				
Perfluorohexanoic acid (PFHxA)	78.1	2.00	"	80.0		97.6	50-130				
Perfluoroheptanoic acid (PFHpA)	70.3	2.00	"	80.0		87.9	50-130				
Perfluorohexanesulfonic acid (PFHxS)	58.9	2.00	"	59.2		99.5	50-130				
Perfluorooctanoic acid (PFOA)	75.9	2.00	"	80.0		94.9	50-130				
Perfluorooctanesulfonic acid (PFOS)	60.4	2.00	"	58.4		104	50-130				
Perfluorononanoic acid (PFNA)	74.1	2.00	"	76.8		96.4	50-130				
Perfluorodecanoic acid (PFDA)	80.5	2.00	"	80.0		101	50-130				
Perfluoroundecanoic acid (PFUnA)	76.4	2.00	"	80.0		95.6	50-130				
Perfluorododecanoic acid (PFDoA)	75.8	2.00	"	80.0		94.8	50-130				
Perfluorotridecanoic acid (PFTrDA)	64.1	2.00	"	80.0		80.1	50-130				
Perfluorotetradecanoic acid (PFTA)	78.8	2.00	"	80.0		98.5	50-130				
N-MeFOSAA	73.5	2.00	"	80.0		91.9	50-130				
N-EtFOSAA	78.0	2.00	"	80.0		97.5	50-130				
Perfluoropentanoic acid (PFPeA)	76.3	2.00	"	80.0		95.4	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	82.9	2.00	"	80.0		104	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	88.8	2.00	"	79.6		112	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	68.6	2.00	"	77.2		88.8	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	69.4	5.00	"	76.0		91.4	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	85.4	2.00	"	76.8		111	50-130				
Perfluoro-n-butanoic acid (PFBA)	79.0	2.00	"	80.0		98.7	50-130				
Surrogate: M3PFBS	*41.0*		"	*74.3*		*55.2*	*25-150*				
Surrogate: M5PFHxA	*43.5*		"	*80.0*		*54.3*	*25-150*				
Surrogate: M4PFHpA	*48.8*		"	*80.0*		*61.0*	*25-150*				
Surrogate: M3PFHxS	*43.1*		"	*75.7*		*56.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*46.8*		"	*80.0*		*58.4*	*25-150*				
Surrogate: M6PFDA	*48.3*		"	*80.0*		*60.4*	*25-150*				
Surrogate: M7PFUdA	*43.9*		"	*80.0*		*54.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*42.8*		"	*80.0*		*53.5*	*25-150*				
Surrogate: M2PFTeDA	*29.3*		"	*80.0*		*36.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*51.0*		"	*80.0*		*63.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*41.5*		"	*76.6*		*54.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*42.7*		"	*80.0*		*53.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*39.7*		"	*80.0*		*49.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*47.1*		"	*80.0*		*58.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*41.8*		"	*80.0*		*52.2*	*25-150*				
Surrogate: M2-6:2 FTS	*52.6*		"	*75.9*		*69.2*	*25-150*				
Surrogate: M2-8:2 FTS	*55.9*		"	*76.6*		*72.9*	*25-150*				
Surrogate: M9PFNA	*45.6*		"	*80.0*		*57.0*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

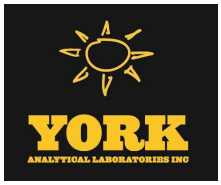
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00144 - SPE Ext-PFAS-EPA 537.1M											
LCS (BE00144-BS4) LCS									Prepared: 05/05/2020 Analyzed: 05/08/2020		
Perfluorobutanesulfonic acid (PFBS)	75.5	2.00	ng/L	70.8		107	50-130				
Perfluorohexanoic acid (PFHxA)	78.6	2.00	"	80.0		98.3	50-130				
Perfluoroheptanoic acid (PFHpA)	69.2	2.00	"	80.0		86.5	50-130				
Perfluorohexanesulfonic acid (PFHxS)	57.4	2.00	"	59.2		97.0	50-130				
Perfluorooctanoic acid (PFOA)	74.9	2.00	"	80.0		93.6	50-130				
Perfluorooctanesulfonic acid (PFOS)	60.7	2.00	"	58.4		104	50-130				
Perfluorononanoic acid (PFNA)	74.6	2.00	"	76.8		97.1	50-130				
Perfluorodecanoic acid (PFDA)	72.5	2.00	"	80.0		90.6	50-130				
Perfluoroundecanoic acid (PFUnA)	74.2	2.00	"	80.0		92.8	50-130				
Perfluorododecanoic acid (PFDoA)	75.8	2.00	"	80.0		94.7	50-130				
Perfluorotridecanoic acid (PFTrDA)	70.2	2.00	"	80.0		87.8	50-130				
Perfluorotetradecanoic acid (PFTA)	79.7	2.00	"	80.0		99.6	50-130				
N-MeFOSAA	75.7	2.00	"	80.0		94.7	50-130				
N-EtFOSAA	76.6	2.00	"	80.0		95.7	50-130				
Perfluoropentanoic acid (PFPeA)	78.1	2.00	"	80.0		97.6	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	77.7	2.00	"	80.0		97.1	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	88.9	2.00	"	79.6		112	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	72.2	2.00	"	77.2		93.6	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	65.1	5.00	"	76.0		85.6	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	86.4	2.00	"	76.8		113	50-130				
Perfluoro-n-butanoic acid (PFBA)	79.8	2.00	"	80.0		99.7	50-130				
Surrogate: M3PFBS	*43.9*		"	*74.3*		*59.0*	*25-150*				
Surrogate: M5PFHxA	*47.2*		"	*80.0*		*59.0*	*25-150*				
Surrogate: M4PFHpA	*52.3*		"	*80.0*		*65.4*	*25-150*				
Surrogate: M3PFHxS	*47.0*		"	*75.7*		*62.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*48.5*		"	*80.0*		*60.7*	*25-150*				
Surrogate: M6PFDA	*53.7*		"	*80.0*		*67.1*	*25-150*				
Surrogate: M7PFUdA	*48.1*		"	*80.0*		*60.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*47.7*		"	*80.0*		*59.6*	*25-150*				
Surrogate: M2PFTeDA	*39.3*		"	*80.0*		*49.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*66.0*		"	*80.0*		*82.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*44.4*		"	*76.6*		*58.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.2*		"	*80.0*		*59.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*42.4*		"	*80.0*		*53.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*50.1*		"	*80.0*		*62.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*44.9*		"	*80.0*		*56.1*	*25-150*				
Surrogate: M2-6:2 FTS	*56.0*		"	*75.9*		*73.8*	*25-150*				
Surrogate: M2-8:2 FTS	*55.5*		"	*76.6*		*72.4*	*25-150*				
Surrogate: M9PFNA	*49.6*		"	*80.0*		*61.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00144 - SPE Ext-PFAS-EPA 537.1M											
Duplicate (BE00144-DUP1) Duplicate	*Source sample: 20D0849-11 (MW06_043020)								Prepared: 05/05/2020 Analyzed: 05/08/2020		
Perfluorobutanesulfonic acid (PFBS)	9.21	2.00	ng/L		9.45				2.61	30	
Perfluorohexanoic acid (PFHxA)	18.4	2.00	"		22.3				19.1	30	
Perfluoroheptanoic acid (PFHpA)	18.3	2.00	"		20.5				11.6	30	
Perfluorohexanesulfonic acid (PFHxS)	2.49	2.00	"		2.69				7.91	30	
Perfluorooctanoic acid (PFOA)	175	2.00	"		178				1.85	30	
Perfluorooctanesulfonic acid (PFOS)	134	2.00	"		130				3.07	30	
Perfluorononanoic acid (PFNA)	9.77	2.00	"		9.87				1.00	30	
Perfluorodecanoic acid (PFDA)	2.77	2.00	"		2.52				9.52	30	
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	2.00	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"		0.537					30	
N-MeFOSAA	ND	2.00	"		ND					30	
N-EtFOSAA	ND	2.00	"		0.726					30	
Perfluoropentanoic acid (PFPeA)	16.1	2.00	"		23.2				36.3	30	Non-dir.
Perfluoro-1-octanesulfonamide (FOSA)	0.574	2.00	"		0.700				19.7	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	1.05	2.00	"		0.894				15.6	30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	17.3	2.00	"		18.2				4.91	30	
Surrogate: M3PFBS	*34.4*		"	*74.3*		*46.3*	*25-150*				
Surrogate: M5PFHxA	*36.0*		"	*80.0*		*45.0*	*25-150*				
Surrogate: M4PFHpA	*42.8*		"	*80.0*		*53.5*	*25-150*				
Surrogate: M3PFHxS	*38.4*		"	*75.7*		*50.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*43.0*		"	*80.0*		*53.8*	*25-150*				
Surrogate: M6PFDA	*36.8*		"	*80.0*		*46.0*	*25-150*				
Surrogate: M7PFUdA	*21.2*		"	*80.0*		*26.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*8.58*		"	*80.0*		*10.7*	*25-150*				
Surrogate: M2PFTeDA	*5.47*		"	*80.0*		*6.84*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*35.4*		"	*80.0*		*44.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.5*		"	*76.6*		*43.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*32.7*		"	*80.0*		*40.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*7.69*		"	*80.0*		*9.62*	*10-150*				
Surrogate: d3-N-MeFOSAA	*27.8*		"	*80.0*		*34.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*21.6*		"	*80.0*		*27.0*	*25-150*				
Surrogate: M2-6:2 FTS	*138*		"	*75.9*		*182*	*25-150*				
Surrogate: M2-8:2 FTS	*77.3*		"	*76.6*		*101*	*25-150*				
Surrogate: M9PFNA	*45.6*		"	*80.0*		*57.0*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE00144 - SPE Ext-PFAS-EPA 537.1M

Matrix Spike (BE00144-MS1) Matrix Spike *Source sample: 20D0849-12 (MW08_043020) Prepared: 05/05/2020 Analyzed: 05/08/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Perfluorobutanesulfonic acid (PFBS)	79.5	2.00	ng/L	70.8	0.933	111	25-150				
Perfluorohexanoic acid (PFHxA)	83.6	2.00	"	80.0	3.22	100	25-150				
Perfluoroheptanoic acid (PFHpA)	71.2	2.00	"	80.0	2.59	85.8	25-150				
Perfluorohexanesulfonic acid (PFHxS)	73.5	2.00	"	59.2	0.618	123	25-150				
Perfluorooctanoic acid (PFOA)	102	2.00	"	80.0	27.7	93.4	25-150				
Perfluorooctanesulfonic acid (PFOS)	92.4	2.00	"	58.4	10.9	140	25-150				
Perfluorononanoic acid (PFNA)	72.6	2.00	"	76.8	0.984	93.2	25-150				
Perfluorodecanoic acid (PFDA)	77.6	2.00	"	80.0	ND	97.0	25-150				
Perfluoroundecanoic acid (PFUnA)	78.0	2.00	"	80.0	ND	97.5	25-150				
Perfluorododecanoic acid (PFDoA)	78.4	2.00	"	80.0	ND	97.9	25-150				
Perfluorotridecanoic acid (PFTrDA)	54.5	2.00	"	80.0	ND	68.2	25-150				
Perfluorotetradecanoic acid (PFTA)	77.3	2.00	"	80.0	0.671	95.8	25-150				
N-MeFOSAA	75.7	2.00	"	80.0	0.712	93.7	25-150				
N-EtFOSAA	86.7	2.00	"	80.0	ND	108	25-150				
Perfluoropentanoic acid (PFPeA)	80.1	2.00	"	80.0	3.08	96.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	83.9	2.00	"	80.0	0.816	104	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	94.1	2.00	"	79.6	ND	118	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	64.0	2.00	"	77.2	ND	82.9	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	72.5	5.00	"	76.0	ND	95.4	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	86.2	2.00	"	76.8	ND	112	25-150				
Perfluoro-n-butanoic acid (PFBA)	83.1	2.00	"	80.0	5.47	97.0	25-150				
Surrogate: M3PFBS	*37.2*		"	*74.3*		*50.0*	*25-150*				
Surrogate: M5PFHxA	*39.9*		"	*80.0*		*49.9*	*25-150*				
Surrogate: M4PFHpA	*49.6*		"	*80.0*		*62.0*	*25-150*				
Surrogate: M3PFHxS	*42.2*		"	*75.7*		*55.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*43.9*		"	*80.0*		*54.8*	*25-150*				
Surrogate: M6PFDA	*45.4*		"	*80.0*		*56.7*	*25-150*				
Surrogate: M7PFUdA	*36.1*		"	*80.0*		*45.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*30.8*		"	*80.0*		*38.5*	*25-150*				
Surrogate: M2PFTeDA	*11.5*		"	*80.0*		*14.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*47.5*		"	*80.0*		*59.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*39.2*		"	*76.6*		*51.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.1*		"	*80.0*		*47.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.6*		"	*80.0*		*42.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*38.3*		"	*80.0*		*47.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*32.7*		"	*80.0*		*40.9*	*25-150*				
Surrogate: M2-6:2 FTS	*67.4*		"	*75.9*		*88.8*	*25-150*				
Surrogate: M2-8:2 FTS	*52.2*		"	*76.6*		*68.1*	*25-150*				
Surrogate: M9PFNA	*45.7*		"	*80.0*		*57.1*	*25-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00012 - % Solids Prep											
Duplicate (BE00012-DUP1) Duplicate	*Source sample: 20D0849-04 (SB12_0-2)							Prepared & Analyzed: 05/01/2020			
% Solids	88.9	0.100	%		90.8				2.10	20	

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-H	The CCV recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to change a Sample ID.

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20D0849

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: same
Address: 360 west 31st street New York NY 10001	Address:	Address: same
Phone: 212 479 5400	Phone:	Phone: same
Contact: Kim Serven	Contact: Dina Palazzolo	Contact: same
E-mail: kserven@langan.com	E-mail: DPalazzolo@langan.com	E-mail: same

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; ~~NY ASP B Package~~; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB16_0-2	S	4/30 0915	PFAS & 1,4 dioxane	1)8oz, 1)4oz, 4 VOAs
SB16_14-16	S	4/30 0920		1)250ml
SB16_18-20	S	4/30 0925		
SB12_0-2	S	4/30 1145		
SB12_8-10	S	4/30 1150		
SB12_18-20	S	4/30 1155		
MS-S001_043020	S	4/30 1145		
MSD-S001_043020	S	4/30 1145		
SB11_0-2	S	4/30 1440		
SB11_10-12	S	4/30 1445		

Comments:
MS/MSD-S001-043020 ~~Dup~~ Parent sample SB12_0-2

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deirdre Casey Langan	4/30/20 1740		4/30/20		4/30/20 1938
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC	4/30/20 1938 / 1.2 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20D0849

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: same
Address: 360 west 31st Street, New York, NY 10001	Address:	Address: same
Phone: 212 479 5400	Phone:	Phone: same
Contact: K Semon	Contact: Dina Palazzolo	Contact: same
E-mail: ksemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: same

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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

Deirdre Casey

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB11_18-20	S	4/30 1450	PFAS & 1,4 dioxane	(QNE, (1)) 4oz, 3VOA, (1)250
SOFB02-043020	QA/QC	4/30 1200	PFAS & 1,4 dioxane	(6) 1L, (4) 250, 3 VOA
MW06_043020	GW	4/30 1414		
MW08_043020	GW	4/30 1055		
MW05_043020	GW	4/30		
GWDUP01_043020	GW	4/30 —		
GWFBOL_043020	QA/QC	4/30 1400		
GWTBOL_043020	QA/QC	4/30 —		

Comments:

Preservation: (check all that apply) HCl X MeOH X HNO_3 X H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered X; Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Amelyn Langan	4/30/20 1740		4/30/20		4/30/20 1938
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC	4/30/20 1938 / 1.2 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/07/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0850

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

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

Report Date: 05/07/2020
Client Project ID: 170610601
York Project (SDG) No.: 20D0850

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 30, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20D0850-01	SB16_0-2	Soil	04/30/2020	04/30/2020
20D0850-02	SB16_14-16	Soil	04/30/2020	04/30/2020
20D0850-03	SB16_18-20	Soil	04/30/2020	04/30/2020
20D0850-04	SB12_0-2	Soil	04/30/2020	04/30/2020
20D0850-05	SB12_8-10	Soil	04/30/2020	04/30/2020
20D0850-06	SB12_18-20	Soil	04/30/2020	04/30/2020
20D0850-07	SB11_0-2	Soil	04/30/2020	04/30/2020
20D0850-08	SB11_10-12	Soil	04/30/2020	04/30/2020
20D0850-09	SB11_18-20	Soil	04/30/2020	04/30/2020
20D0850-10	SOFB02_043020	Water	04/30/2020	04/30/2020
20D0850-11	MW06_043020	Water	04/30/2020	04/30/2020
20D0850-12	MW08_043020	Water	04/30/2020	04/30/2020
20D0850-13	MW05_043020	Water	04/30/2020	04/30/2020
20D0850-14	GWDUP01_043020	Water	04/30/2020	04/30/2020
20D0850-15	GWFB01_043020	Water	04/30/2020	04/30/2020
20D0850-16	GWTB01_043020	Water	04/30/2020	04/30/2020

General Notes for York Project (SDG) No.: 20D0850

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

Approved By: 

Date: 05/07/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.013**	B	mg/kg dry	0.0051	0.010	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.026	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0611**	J	mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.374	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.169**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.374	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.412**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.356**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.373**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.233**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.298**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0529**	J	mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.107**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.401**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0902**	J	mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.02**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.737**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.890**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.374	2	EPA 8270D	05/05/2020 14:33	05/06/2020 11:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.0 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*49.5 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.5 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.5 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*17.8 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.0 %*		*24-116*

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.0124**		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**0.00869**		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	*** Chlordane, total**	**0.0628**		mg/kg dry	0.0373	5	EPA 8081B	05/04/2020 14:02	05/06/2020 17:48	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/04/2020 14:02	05/05/2020 15:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/04/2020 14:02	05/05/2020 15:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/04/2020 14:02	05/05/2020 15:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/04/2020 14:02	05/05/2020 15:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/04/2020 14:02	05/05/2020 15:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/04/2020 14:02	05/05/2020 15:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	**Aroclor 1260**	**0.0522**		mg/kg dry	0.0188	1	EPA 8082A	05/04/2020 14:02	05/05/2020 15:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**0.0522**		mg/kg dry	0.0188	1	EPA 8082A	05/04/2020 14:02	05/05/2020 15:48	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	05/06/2020 07:29	05/06/2020 19:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	05/06/2020 07:29	05/06/2020 19:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	05/06/2020 07:29	05/06/2020 19:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*59.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6300**		mg/kg dry	5.67	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.07**		mg/kg dry	1.70	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**44.9**		mg/kg dry	2.83	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**49400**		mg/kg dry	5.67	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**35.6**		mg/kg dry	0.567	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.81**		mg/kg dry	0.453	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.5**		mg/kg dry	2.27	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13100**		mg/kg dry	28.3	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**24.6**		mg/kg dry	0.567	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**13500**		mg/kg dry	5.67	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**197**		mg/kg dry	0.567	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**74.4**		mg/kg dry	1.13	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**904**		mg/kg dry	5.67	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.567	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 20D0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:15 am	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**379**		mg/kg dry	56.7	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.5**		mg/kg dry	1.13	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**56.6**		mg/kg dry	2.83	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0489**		mg/kg dry	0.0340	1	EPA 7473	05/01/2020 09:11	05/01/2020 13:36	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**3.35**		mg/kg dry	0.567	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**32.2**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.2**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.074	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0042**	J, B	mg/kg dry	0.0037	0.0074	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.019	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.0 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.392	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.196	0.392	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*74.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.6 %*	*24-116*

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.194	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0389	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:17	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*78.4 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*86.1 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:02	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0237	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:15	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0237	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:15	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0237	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:15	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*46.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6470**		mg/kg dry	5.95	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.98	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.79	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**37.2**		mg/kg dry	2.98	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1760**		mg/kg dry	5.95	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**62.3**		mg/kg dry	0.595	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**28.2**		mg/kg dry	0.476	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**17.6**		mg/kg dry	2.38	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**21500**		mg/kg dry	29.8	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.4**		mg/kg dry	0.595	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**27400**		mg/kg dry	5.95	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**405**		mg/kg dry	0.595	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**510**		mg/kg dry	1.19	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1910**		mg/kg dry	5.95	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.595	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_14-16 **York Sample ID:** 20D0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:20 am	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**174**		mg/kg dry	59.5	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.98	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.3**		mg/kg dry	1.19	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**29.6**		mg/kg dry	2.98	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0357	1	EPA 7473	05/01/2020 09:11	05/01/2020 13:45	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.595	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**62.3**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.0**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB16_18-20** **York Sample ID:** **20D0850-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0076**	ICV-E, J	mg/kg dry	0.0051	0.010	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.026	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	05/04/2020 09:30	05/04/2020 13:16	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.208	0.417	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.208	0.417	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0521	0.104	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.208	0.417	2	EPA 8270D	05/05/2020 14:33	05/06/2020 12:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*72.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.1 %*	*24-116*

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.206	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0413	5	EPA 8081B	05/04/2020 14:02	05/05/2020 16:34	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*76.9 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*87.4 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:15	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:15	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:15	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:15	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:15	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:15	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:15	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:15	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0251	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:26	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0251	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:26	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0251	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:26	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*66.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5600**		mg/kg dry	6.30	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.15	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.89	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**33.5**		mg/kg dry	3.15	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.378	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1920**		mg/kg dry	6.30	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**129**		mg/kg dry	0.630	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**60.4**		mg/kg dry	0.504	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**17.2**		mg/kg dry	2.52	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**35100**		mg/kg dry	31.5	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**3.00**		mg/kg dry	0.630	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**74800**		mg/kg dry	6.30	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**732**		mg/kg dry	0.630	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**1660**		mg/kg dry	1.26	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1530**		mg/kg dry	6.30	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.15	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.630	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB16_18-20 **York Sample ID:** 20D0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 9:25 am	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**111**		mg/kg dry	63.0	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.15	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**19.8**		mg/kg dry	1.26	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**31.1**		mg/kg dry	3.15	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0378	1	EPA 7473	05/01/2020 09:11	05/01/2020 13:54	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.630	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**129**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.4**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.017**	ICV-E	mg/kg dry	0.0058	0.012	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.029	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	05/01/2020 14:20	05/01/2020 14:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.903	1.81	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.274**	J	mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.903	1.81	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.815**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.743**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.642**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.483**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.559**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.739**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.451	0.901	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.67**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.415**	J	mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.03**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.51**		mg/kg dry	0.226	0.451	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.903	1.81	10	EPA 8270D	05/05/2020 14:33	05/06/2020 13:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*47.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.2 %*	*24-116*

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00686**		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.0182**		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**0.0140**		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:05	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*57.1 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*57.1 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	**Aroclor 1260**	**0.203**		mg/kg dry	0.0184	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**0.203**		mg/kg dry	0.0184	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:29	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:37	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:37	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:37	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*42.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6350**		mg/kg dry	5.55	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.92**		mg/kg dry	1.67	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**59.9**		mg/kg dry	2.78	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.333	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**22300**		mg/kg dry	5.55	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.2**		mg/kg dry	0.555	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.57**		mg/kg dry	0.444	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**31.9**		mg/kg dry	2.22	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13800**		mg/kg dry	27.8	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**115**		mg/kg dry	0.555	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7230**		mg/kg dry	5.55	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**209**		mg/kg dry	0.555	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**71.7**		mg/kg dry	1.11	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1070**		mg/kg dry	5.55	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.555	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-2 **York Sample ID:** 20D0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:45 am	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**358**		mg/kg dry	55.5	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**29.8**		mg/kg dry	1.11	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**107**		mg/kg dry	2.78	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.238**		mg/kg dry	0.0333	1	EPA 7473	05/01/2020 09:11	05/01/2020 14:03	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.555	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**22.2**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0081**	CCV-E, ICV-E, J	mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.024	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	05/01/2020 09:30	05/01/2020 12:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.205	0.410	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.119**		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.205	0.410	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.154**		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.120**		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.102**		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0590**	J	mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0868**	J	mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.125**		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.102	0.205	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.360**		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0729**	J	mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0541**	J	mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.435**		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.297**		mg/kg dry	0.0514	0.102	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.205	0.410	2	EPA 8270D	05/05/2020 14:33	05/06/2020 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*72.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.0 %*	*24-116*

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.201	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0401	5	EPA 8081B	05/04/2020 14:02	05/06/2020 18:22	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*49.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A	05/04/2020 14:02	05/05/2020 16:43	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*67.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0242	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0242	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0242	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*65.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4750**		mg/kg dry	6.16	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.08	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.85	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**28.3**		mg/kg dry	3.08	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.370	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1890**		mg/kg dry	6.16	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**36.4**		mg/kg dry	0.616	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**17.4**		mg/kg dry	0.493	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.8**		mg/kg dry	2.47	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16400**		mg/kg dry	30.8	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.4**		mg/kg dry	0.616	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**20100**		mg/kg dry	6.16	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**232**		mg/kg dry	0.616	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**285**		mg/kg dry	1.23	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**861**		mg/kg dry	6.16	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.08	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.616	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_8-10 **York Sample ID:** 20D0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:50 am	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**104**		mg/kg dry	61.6	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.08	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**17.7**		mg/kg dry	1.23	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**27.1**		mg/kg dry	3.08	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0370	1	EPA 7473	05/01/2020 09:11	05/01/2020 14:33	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.616	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**36.4**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.1**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB12_18-20** **York Sample ID:** **20D0850-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.020	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:06	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.101	0.202	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.203	0.406	2	EPA 8270D	05/05/2020 14:33	05/06/2020 15:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*77.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.2 %*	*24-116*

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.201	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0402	5	EPA 8081B	05/05/2020 07:45	05/06/2020 12:45	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A	05/05/2020 07:45	05/05/2020 17:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A	05/05/2020 07:45	05/05/2020 17:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A	05/05/2020 07:45	05/05/2020 17:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A	05/05/2020 07:45	05/05/2020 17:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A	05/05/2020 07:45	05/05/2020 17:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A	05/05/2020 07:45	05/05/2020 17:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A	05/05/2020 07:45	05/05/2020 17:51	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A	05/05/2020 07:45	05/05/2020 17:51	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*51.5 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*40.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0244	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0244	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0244	1	EPA 8151A	05/06/2020 07:29	05/06/2020 20:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*55.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4030**		mg/kg dry	6.13	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.07	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.84	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**31.9**		mg/kg dry	3.07	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.368	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1410**		mg/kg dry	6.13	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**195**		mg/kg dry	0.613	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**52.4**		mg/kg dry	0.491	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**41.6**		mg/kg dry	2.45	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**39700**		mg/kg dry	30.7	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**2.71**		mg/kg dry	0.613	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**85300**		mg/kg dry	6.13	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**675**		mg/kg dry	0.613	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**1200**		mg/kg dry	1.23	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**906**		mg/kg dry	6.13	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.07	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**1.74**		mg/kg dry	0.613	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_18-20 **York Sample ID:** 20D0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 11:55 am	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**127**		mg/kg dry	61.3	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.07	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**16.2**		mg/kg dry	1.23	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**31.8**		mg/kg dry	3.07	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0368	1	EPA 7473	05/01/2020 09:11	05/01/2020 14:42	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.613	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**195**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.5**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.024	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:32	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.884	1.77	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.884	1.77	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.314**	J	mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.307**	J	mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.289**	J	mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.236**	J	mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.360**	J	mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.441	0.882	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.670**		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.392**	J	mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.596**		mg/kg dry	0.221	0.441	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.884	1.77	10	EPA 8270D	05/05/2020 14:33	05/06/2020 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.6 %*	*24-116*

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00745**		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.0148**		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**0.0107**		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0356	5	EPA 8081B	05/05/2020 07:45	05/06/2020 18:39	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*51.7 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:04	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:09	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:09	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:09	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*38.8 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6550**		mg/kg dry	5.45	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.73	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.86**		mg/kg dry	1.64	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**58.1**		mg/kg dry	2.73	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**36000**		mg/kg dry	5.45	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.2**		mg/kg dry	0.545	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.21**		mg/kg dry	0.436	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.1**		mg/kg dry	2.18	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14600**		mg/kg dry	27.3	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**44.7**		mg/kg dry	0.545	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**11100**		mg/kg dry	5.45	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**235**		mg/kg dry	0.545	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**57.3**		mg/kg dry	1.09	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**940**		mg/kg dry	5.45	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.545	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_0-2 **York Sample ID:** 20D0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:40 pm	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**280**		mg/kg dry	54.5	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**42.3**		mg/kg dry	1.09	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**68.8**		mg/kg dry	2.73	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.150**		mg/kg dry	0.0327	1	EPA 7473	05/01/2020 09:11	05/01/2020 14:51	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.2**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.7**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.011**	CCV-E, ICV-E	mg/kg dry	0.0044	0.0089	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.022	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/01/2020 09:30	05/01/2020 13:59	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.220	0.439	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.220	0.439	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0622**	J	mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0710**	J	mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0675**	J	mg/kg dry	0.0549	0.110	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.220	0.439	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*77.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.7 %*	*24-116*

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.218	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0435	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:02	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.8 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0220	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0220	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0220	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0220	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0220	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0220	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0220	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0220	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:18	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.5 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.0 %*	S-GC	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0263	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0263	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0263	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*44.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5980**		mg/kg dry	6.64	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.32	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.03**		mg/kg dry	1.99	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**24.4**		mg/kg dry	3.32	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.066	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.398	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2510**		mg/kg dry	6.64	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**47.5**		mg/kg dry	0.664	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**19.5**		mg/kg dry	0.531	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.8**		mg/kg dry	2.66	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18800**		mg/kg dry	33.2	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**55.0**		mg/kg dry	0.664	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**16300**		mg/kg dry	6.64	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**203**		mg/kg dry	0.664	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**319**		mg/kg dry	1.33	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1170**		mg/kg dry	6.64	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.32	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.664	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_10-12 **York Sample ID:** 20D0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:45 pm	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**260**		mg/kg dry	66.4	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.32	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**25.9**		mg/kg dry	1.33	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**25.4**		mg/kg dry	3.32	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0398	1	EPA 7473	05/01/2020 09:11	05/01/2020 15:00	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.664	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**47.5**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.3**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB11_18-20** **York Sample ID:** **20D0850-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	**4-Methyl-2-pentanone**	**0.0065**		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.012**	CCV-E, ICV-E	mg/kg dry	0.0056	0.011	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.028	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	05/01/2020 09:30	05/01/2020 14:26	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.223	0.445	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.223	0.445	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.223	0.445	2	EPA 8270D	05/05/2020 14:33	05/06/2020 16:38	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.5 %*	*24-116*

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.224	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0447	5	EPA 8081B	05/05/2020 07:45	05/06/2020 13:19	CM
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*57.2 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*78.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0226	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0226	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0226	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0226	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0226	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0226	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0226	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0226	1	EPA 8082A	05/05/2020 07:45	05/05/2020 18:32	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0270	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:31	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0270	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:31	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0270	1	EPA 8151A	05/06/2020 07:29	05/06/2020 21:31	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*57.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12800**		mg/kg dry	6.82	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.41	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	2.05	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**67.1**		mg/kg dry	3.41	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.068	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.409	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4730**		mg/kg dry	6.82	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**156**		mg/kg dry	0.682	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**57.2**		mg/kg dry	0.546	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**29.6**		mg/kg dry	2.73	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**41300**		mg/kg dry	34.1	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**11.6**		mg/kg dry	0.682	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**31500**		mg/kg dry	6.82	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**431**		mg/kg dry	0.682	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**902**		mg/kg dry	1.36	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3630**		mg/kg dry	6.82	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.41	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.682	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_18-20 **York Sample ID:** 20D0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**280**		mg/kg dry	68.2	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.41	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**41.2**		mg/kg dry	1.36	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**54.8**		mg/kg dry	3.41	1	EPA 6010D	05/01/2020 09:08	05/05/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0409	1	EPA 7473	05/01/2020 09:11	05/01/2020 15:31	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.682	1	EPA 7196A	05/02/2020 12:07	05/02/2020 17:51	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**156**		mg/kg	0.500	1	Calculation	05/06/2020 08:35	05/06/2020 08:35	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.682	1	EPA 9014/9010C	05/01/2020 08:37	05/01/2020 13:46	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: **SB11_18-20** **York Sample ID:** **20D0850-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Soil	April 30, 2020 2:50 pm	04/30/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.3**		%	0.100	1	SM 2540G	05/01/2020 08:39	05/01/2020 12:22	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:08	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.13	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCV-L	ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/04/2020 07:32	05/04/2020 21:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*14.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.9 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.7 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.86**		ug/L	0.513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.338**		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:12	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Pesticides, 8081 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:05	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*107 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
37324-23-5	Aroclor 1262	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
11100-14-4	Aroclor 1268	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:24	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.0 %*	*30-120*

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:12	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:12	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:12	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*69.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/04/2020 09:46	05/04/2020 14:20	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	04/30/2020 19:34	04/30/2020 21:48	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/05/2020 08:23	05/05/2020 08:24	TJM
							Certifications:			

Sample Information

Client Sample ID: SOFB02_043020 **York Sample ID:** 20D0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 pm	04/30/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/01/2020 08:40	05/01/2020 14:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**1.63**		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**3.86**	CCV-E	ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.24**	ICV-E	ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/01/2020 06:57	05/04/2020 17:50	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.6 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.56	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*16.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.9 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.27**		ug/L	0.556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 20:44	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Pesticides, 8081 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:21	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.6 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
37324-23-5	Aroclor 1262	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
11100-14-4	Aroclor 1268	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:37	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.5 %*	*30-120*

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*66.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.198**		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**102**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11.4**		mg/L	0.278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**19.2**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.73**		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**9.53**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**48.4**		mg/L	0.556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.194**		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**99.1**		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**11.0**		mg/L	0.278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**18.5**		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**1.70**		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**9.48**	B	mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**47.8**		mg/L	0.556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.68**		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 12:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.71**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/04/2020 09:46	05/04/2020 14:30	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/05/2020 15:51	05/05/2020 17:34	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW06_043020 **York Sample ID:** 20D0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:14 pm	04/30/2020

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	04/30/2020 19:34	04/30/2020 21:48	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/05/2020 08:23	05/05/2020 08:24	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/01/2020 08:40	05/01/2020 14:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.570**		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.510**		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:17	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.41	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*21.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*91.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.9 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:15	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Pesticides, 8081 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:38	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
37324-23-5	Aroclor 1262	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
11100-14-4	Aroclor 1268	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 12:51	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.5 %*	*30-120*

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:33	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:33	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:33	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3.25**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.136**		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**76.6**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0136**		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**4.94**		mg/L	0.278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.184**		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**15.5**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.151**		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0697**		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**12.3**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**55.8**		mg/L	0.556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.144**		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0836**		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**65.1**		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.00688**		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**12.5**		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.0363**		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.0121**		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**11.8**	B	mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**54.2**		mg/L	0.556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0500**		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.63**		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:06	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**22.2**		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:06	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:06	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:06	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.72**		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:06	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:06	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.57**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**20.7**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.60**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/04/2020 09:46	05/04/2020 14:41	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002844**		mg/L	0.0002000	1	EPA 7473	05/05/2020 15:51	05/05/2020 19:11	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW08_043020 **York Sample ID:** 20D0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 10:55 am	04/30/2020

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	04/30/2020 19:34	04/30/2020 21:48	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0136**		mg/L	0.0100	1	Calculation	05/05/2020 08:23	05/05/2020 08:24	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/01/2020 08:40	05/01/2020 14:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.01**	CCV-E	ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.23**	ICV-E	ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/01/2020 06:57	05/04/2020 18:44	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.6 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.41	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.1 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 21:47	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Pesticides, 8081 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B	05/04/2020 14:15	05/06/2020 11:55	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
37324-23-5	Aroclor 1262	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
11100-14-4	Aroclor 1268	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:05	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*	*30-120*

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:44	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:44	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:44	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*64.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.270**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.343**		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**146**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.00473**		mg/L	0.00444	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**6.77**		mg/L	0.278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**34.5**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2.90**		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**14.7**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**96.0**		mg/L	0.556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0293**		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.307**		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**138**		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**5.51**		mg/L	0.278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**31.7**		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**2.70**		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**14.4**	B	mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**90.9**		mg/L	0.556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:11	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**12.5**		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:11	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:11	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:11	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:11	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:11	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**11.7**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.12**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/04/2020 09:46	05/04/2020 14:51	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/05/2020 15:51	05/05/2020 19:22	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW05_043020 **York Sample ID:** 20D0850-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 4:40 pm	04/30/2020

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	04/30/2020 19:34	04/30/2020 21:48	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/05/2020 08:23	05/05/2020 08:24	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/01/2020 08:40	05/01/2020 14:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.580**		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.460**		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/01/2020 06:57	05/04/2020 19:12	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.41	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/04/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*19.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.3 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.4 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:18	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Pesticides, 8081 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:12	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
37324-23-5	Aroclor 1262	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
11100-14-4	Aroclor 1268	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:18	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-120*

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:55	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:55	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 17:55	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*67.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0996**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0879**		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**68.6**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0191**		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**12.9**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.00563**		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**11.5**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**55.8**		mg/L	0.556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0938**		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0826**		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**64.4**		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**12.3**		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0409**		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0123**		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**11.8**	B	mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**54.6**		mg/L	0.556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0521**		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.66**		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**21.1**		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.77**		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.51**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**20.2**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.48**		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/04/2020 09:46	05/04/2020 15:02	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/05/2020 15:51	05/05/2020 18:50	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_043020 **York Sample ID:** 20D0850-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	04/30/2020 19:34	04/30/2020 21:48	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/05/2020 08:23	05/05/2020 08:24	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/01/2020 08:40	05/01/2020 14:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/01/2020 06:57	05/04/2020 15:35	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.41	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/04/2020 07:32	05/05/2020 00:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.8 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.2 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/04/2020 07:32	05/04/2020 22:50	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Pesticides, 8081 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B	05/04/2020 14:15	05/06/2020 12:29	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
37324-23-5	Aroclor 1262	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
11100-14-4	Aroclor 1268	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A	05/04/2020 14:15	05/05/2020 13:32	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.5 %*	*30-120*

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 18:06	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 18:06	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	05/06/2020 08:46	05/06/2020 18:06	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*64.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**0.0582**		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/01/2020 12:28	05/04/2020 13:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/05/2020 12:26	05/07/2020 12:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

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

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/01/2020 12:31	05/04/2020 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/05/2020 12:27	05/05/2020 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/04/2020 09:46	05/04/2020 15:12	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/05/2020 15:51	05/05/2020 19:01	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_043020 **York Sample ID:** 20D0850-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 2:00 pm	04/30/2020

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	04/30/2020 19:34	04/30/2020 21:48	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/05/2020 08:23	05/05/2020 08:24	TJM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/01/2020 08:40	05/01/2020 14:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GWTB01_043020 **York Sample ID:** 20D0850-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB01_043020 **York Sample ID:** 20D0850-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB01_043020 **York Sample ID:** 20D0850-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB01_043020 **York Sample ID:** 20D0850-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20D0850	170610601	Water	April 30, 2020 12:00 am	04/30/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/01/2020 06:57	05/04/2020 14:40	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Analytical Batch Summary

Batch ID: BD01339 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	04/30/20
20D0850-11	MW06_043020	04/30/20
20D0850-12	MW08_043020	04/30/20
20D0850-13	MW05_043020	04/30/20
20D0850-14	GWDUP01_043020	04/30/20
20D0850-15	GWFB01_043020	04/30/20
BD01339-BLK1	Blank	04/30/20
BD01339-BS1	LCS	04/30/20
BD01339-DUP1	Duplicate	04/30/20
BD01339-MS1	Matrix Spike	04/30/20

Batch ID: BE00011 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-09	SB11_18-20	05/01/20
BE00011-BLK1	Blank	05/01/20
BE00011-SRM1	Reference	05/01/20

Batch ID: BE00013 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/01/20
20D0850-02	SB16_14-16	05/01/20
20D0850-03	SB16_18-20	05/01/20
20D0850-04	SB12_0-2	05/01/20
20D0850-05	SB12_8-10	05/01/20
20D0850-06	SB12_18-20	05/01/20
20D0850-07	SB11_0-2	05/01/20
20D0850-08	SB11_10-12	05/01/20
20D0850-09	SB11_18-20	05/01/20
BE00013-DUP1	Duplicate	05/01/20

Batch ID: BE00014 **Preparation Method:** Analysis Preparation **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/01/20
20D0850-11	MW06_043020	05/01/20
20D0850-12	MW08_043020	05/01/20
20D0850-13	MW05_043020	05/01/20
20D0850-14	GWDUP01_043020	05/01/20
20D0850-15	GWFB01_043020	05/01/20
BE00014-BLK1	Blank	05/01/20
BE00014-SRM1	Reference	05/01/20

Batch ID: BE00016 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/01/20
20D0850-02	SB16_14-16	05/01/20
20D0850-03	SB16_18-20	05/01/20
20D0850-04	SB12_0-2	05/01/20
20D0850-05	SB12_8-10	05/01/20
20D0850-06	SB12_18-20	05/01/20
20D0850-07	SB11_0-2	05/01/20
20D0850-08	SB11_10-12	05/01/20
20D0850-09	SB11_18-20	05/01/20
BE00016-BLK1	Blank	05/01/20
BE00016-DUP1	Duplicate	05/01/20
BE00016-MS1	Matrix Spike	05/01/20
BE00016-PS1	Post Spike	05/01/20
BE00016-SRM1	Reference	05/01/20

Batch ID: BE00017 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/01/20
20D0850-02	SB16_14-16	05/01/20
20D0850-03	SB16_18-20	05/01/20
20D0850-04	SB12_0-2	05/01/20
20D0850-05	SB12_8-10	05/01/20
20D0850-06	SB12_18-20	05/01/20
20D0850-07	SB11_0-2	05/01/20
20D0850-08	SB11_10-12	05/01/20
20D0850-09	SB11_18-20	05/01/20
BE00017-BLK1	Blank	05/01/20
BE00017-DUP1	Duplicate	05/01/20
BE00017-MS1	Matrix Spike	05/01/20
BE00017-SRM1	Reference	05/01/20

Batch ID: BE00027 **Preparation Method:** EPA 5035A **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-05	SB12_8-10	05/01/20
20D0850-06	SB12_18-20	05/01/20
20D0850-07	SB11_0-2	05/01/20
20D0850-08	SB11_10-12	05/01/20
20D0850-09	SB11_18-20	05/01/20
BE00027-BLK1	Blank	05/01/20
BE00027-BLK2	Blank	05/01/20
BE00027-BS1	LCS	05/01/20
BE00027-BSD1	LCS Dup	05/01/20

Batch ID: BE00028 **Preparation Method:** EPA 5035A **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/01/20
20D0850-02	SB16_14-16	05/01/20
BE00028-BLK1	Blank	05/01/20
BE00028-BLK2	Blank	05/01/20
BE00028-BLK3	Blank	05/01/20
BE00028-BS1	LCS	05/01/20
BE00028-BSD1	LCS Dup	05/01/20
BE00028-MS1	Matrix Spike	05/01/20

Batch ID: BE00033 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/01/20
20D0850-11	MW06_043020	05/01/20
20D0850-12	MW08_043020	05/01/20
20D0850-13	MW05_043020	05/01/20
20D0850-14	GWDUP01_043020	05/01/20
20D0850-15	GWFB01_043020	05/01/20
BE00033-BLK1	Blank	05/01/20
BE00033-BS1	LCS	05/01/20
BE00033-DUP1	Duplicate	05/01/20
BE00033-MS1	Matrix Spike	05/01/20
BE00033-PS1	Post Spike	05/01/20

Batch ID: BE00034 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/01/20
20D0850-11	MW06_043020	05/01/20
20D0850-12	MW08_043020	05/01/20
20D0850-13	MW05_043020	05/01/20
20D0850-14	GWDUP01_043020	05/01/20
20D0850-15	GWFB01_043020	05/01/20
BE00034-BLK1	Blank	05/01/20
BE00034-BS1	LCS	05/01/20
BE00034-DUP1	Duplicate	05/01/20
BE00034-MS1	Matrix Spike	05/01/20

Batch ID: BE00042 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/01/20
20D0850-11	MW06_043020	05/01/20
20D0850-12	MW08_043020	05/01/20
20D0850-13	MW05_043020	05/01/20
20D0850-14	GWDUP01_043020	05/01/20
20D0850-15	GWFB01_043020	05/01/20

20D0850-16	GWTB01_043020	05/01/20
BE00042-BLK1	Blank	05/04/20
BE00042-BS1	LCS	05/04/20
BE00042-BSD1	LCS Dup	05/04/20

Batch ID: BE00061 **Preparation Method:** EPA SW846-3060 **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/02/20
20D0850-02	SB16_14-16	05/02/20
20D0850-03	SB16_18-20	05/02/20
20D0850-04	SB12_0-2	05/02/20
20D0850-05	SB12_8-10	05/02/20
20D0850-06	SB12_18-20	05/02/20
20D0850-07	SB11_0-2	05/02/20
20D0850-08	SB11_10-12	05/02/20
20D0850-09	SB11_18-20	05/02/20
BE00061-BLK1	Blank	05/02/20
BE00061-DUP1	Duplicate	05/02/20
BE00061-MS1	Matrix Spike	05/02/20
BE00061-SRM1	Reference	05/02/20

Batch ID: BE00066 **Preparation Method:** EPA 3510C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/04/20
20D0850-11	MW06_043020	05/04/20
20D0850-12	MW08_043020	05/04/20
20D0850-13	MW05_043020	05/04/20
20D0850-14	GWDUP01_043020	05/04/20
20D0850-15	GWFB01_043020	05/04/20
BE00066-BLK1	Blank	05/04/20
BE00066-BLK2	Blank	05/04/20
BE00066-BS1	LCS	05/04/20
BE00066-BS2	LCS	05/04/20
BE00066-BSD1	LCS Dup	05/04/20

Batch ID: BE00081 **Preparation Method:** EPA 5035A **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-03	SB16_18-20	05/04/20
20D0850-04	SB12_0-2	05/01/20
BE00081-BLK1	Blank	05/04/20
BE00081-BLK2	Blank	05/04/20
BE00081-BS1	LCS	05/04/20
BE00081-BSD1	LCS Dup	05/04/20
BE00081-MS1	Matrix Spike	05/04/20
BE00081-MSD1	Matrix Spike Dup	05/04/20

Batch ID: BE00089 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/04/20
20D0850-11	MW06_043020	05/04/20
20D0850-12	MW08_043020	05/04/20
20D0850-13	MW05_043020	05/04/20
20D0850-14	GWDUP01_043020	05/04/20
20D0850-15	GWFB01_043020	05/04/20
BE00089-BLK1	Blank	05/04/20
BE00089-SRM1	Reference	05/04/20

Batch ID: BE00100 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/04/20
20D0850-01	SB16_0-2	05/04/20
20D0850-02	SB16_14-16	05/04/20
20D0850-02	SB16_14-16	05/04/20
20D0850-03	SB16_18-20	05/04/20
20D0850-03	SB16_18-20	05/04/20
20D0850-04	SB12_0-2	05/04/20
20D0850-04	SB12_0-2	05/04/20
20D0850-05	SB12_8-10	05/04/20
20D0850-05	SB12_8-10	05/04/20
BE00100-BLK1	Blank	05/04/20
BE00100-BLK2	Blank	05/04/20
BE00100-BS1	LCS	05/04/20
BE00100-BS2	LCS	05/04/20
BE00100-MS1	Matrix Spike	05/04/20
BE00100-MS2	Matrix Spike	05/04/20
BE00100-MSD1	Matrix Spike Dup	05/04/20
BE00100-MSD2	Matrix Spike Dup	05/04/20

Batch ID: BE00103 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/04/20
20D0850-10	SOFB02_043020	05/04/20
20D0850-11	MW06_043020	05/04/20
20D0850-11	MW06_043020	05/04/20
20D0850-12	MW08_043020	05/04/20
20D0850-12	MW08_043020	05/04/20
20D0850-13	MW05_043020	05/04/20
20D0850-13	MW05_043020	05/04/20
20D0850-14	GWDUP01_043020	05/04/20
20D0850-14	GWDUP01_043020	05/04/20
20D0850-15	GWFB01_043020	05/04/20
20D0850-15	GWFB01_043020	05/04/20
BE00103-BLK1	Blank	05/04/20
BE00103-BLK2	Blank	05/04/20

BE00103-BS1	LCS	05/04/20
BE00103-BS2	LCS	05/04/20
BE00103-BSD1	LCS Dup	05/04/20
BE00103-BSD2	LCS Dup	05/04/20

Batch ID: BE00119 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-06	SB12_18-20	05/05/20
20D0850-06	SB12_18-20	05/05/20
20D0850-07	SB11_0-2	05/05/20
20D0850-07	SB11_0-2	05/05/20
20D0850-08	SB11_10-12	05/05/20
20D0850-08	SB11_10-12	05/05/20
20D0850-09	SB11_18-20	05/05/20
20D0850-09	SB11_18-20	05/05/20
BE00119-BLK2	Blank	05/05/20
BE00119-BS2	LCS	05/05/20

Batch ID: BE00122 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/05/20
20D0850-11	MW06_043020	05/05/20
20D0850-12	MW08_043020	05/05/20
20D0850-13	MW05_043020	05/05/20
20D0850-14	GWDUP01_043020	05/05/20
20D0850-15	GWFB01_043020	05/05/20

Batch ID: BE00146 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-11	MW06_043020	05/05/20
20D0850-12	MW08_043020	05/05/20
20D0850-13	MW05_043020	05/05/20
20D0850-14	GWDUP01_043020	05/05/20
20D0850-15	GWFB01_043020	05/05/20
BE00146-BLK1	Blank	05/05/20
BE00146-BS1	LCS	05/05/20
BE00146-DUP1	Duplicate	05/05/20
BE00146-MS1	Matrix Spike	05/05/20
BE00146-PS1	Post Spike	05/05/20

Batch ID: BE00147 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-11	MW06_043020	05/05/20
20D0850-12	MW08_043020	05/05/20
20D0850-13	MW05_043020	05/05/20

20D0850-14	GWDUP01_043020	05/05/20
20D0850-15	GWFB01_043020	05/05/20
BE00147-BLK1	Blank	05/05/20
BE00147-BS1	LCS	05/05/20
BE00147-DUP1	Duplicate	05/05/20
BE00147-MS1	Matrix Spike	05/05/20

Batch ID: BE00153 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/05/20
20D0850-02	SB16_14-16	05/05/20
20D0850-03	SB16_18-20	05/05/20
20D0850-04	SB12_0-2	05/05/20
20D0850-05	SB12_8-10	05/05/20
20D0850-06	SB12_18-20	05/05/20
20D0850-07	SB11_0-2	05/05/20
20D0850-08	SB11_10-12	05/05/20
20D0850-09	SB11_18-20	05/05/20
BE00153-BLK1	Blank	05/05/20
BE00153-BS1	LCS	05/05/20
BE00153-MS1	Matrix Spike	05/05/20
BE00153-MSD1	Matrix Spike Dup	05/05/20

Batch ID: BE00162 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-11	MW06_043020	05/05/20
20D0850-12	MW08_043020	05/05/20
20D0850-13	MW05_043020	05/05/20
20D0850-14	GWDUP01_043020	05/05/20
20D0850-15	GWFB01_043020	05/05/20
BE00162-BLK1	Blank	05/05/20
BE00162-DUP1	Duplicate	05/05/20
BE00162-MS1	Matrix Spike	05/05/20
BE00162-SRM1	Reference	05/05/20

Batch ID: BE00169 **Preparation Method:** EPA 3550C/8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/06/20
20D0850-02	SB16_14-16	05/06/20
20D0850-03	SB16_18-20	05/06/20
20D0850-04	SB12_0-2	05/06/20
20D0850-05	SB12_8-10	05/06/20
20D0850-06	SB12_18-20	05/06/20
20D0850-07	SB11_0-2	05/06/20
20D0850-08	SB11_10-12	05/06/20
20D0850-09	SB11_18-20	05/06/20
BE00169-BLK1	Blank	05/06/20

BE00169-BS1	LCS	05/06/20
BE00169-MS1	Matrix Spike	05/06/20
BE00169-MSD1	Matrix Spike Dup	05/06/20

Batch ID: BE00179 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-01	SB16_0-2	05/06/20
20D0850-02	SB16_14-16	05/06/20
20D0850-03	SB16_18-20	05/06/20
20D0850-04	SB12_0-2	05/06/20
20D0850-05	SB12_8-10	05/06/20
20D0850-06	SB12_18-20	05/06/20
20D0850-07	SB11_0-2	05/06/20
20D0850-08	SB11_10-12	05/06/20
20D0850-09	SB11_18-20	05/06/20

Batch ID: BE00183 **Preparation Method:** EPA 8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20D0850-10	SOFB02_043020	05/06/20
20D0850-11	MW06_043020	05/06/20
20D0850-12	MW08_043020	05/06/20
20D0850-13	MW05_043020	05/06/20
20D0850-14	GWDUP01_043020	05/06/20
20D0850-15	GWFB01_043020	05/06/20
BE00183-BLK1	Blank	05/06/20
BE00183-BS1	LCS	05/06/20
BE00183-BSD1	LCS Dup	05/06/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00027 - EPA 5035A											
Blank (BE00027-BLK1) Blank									Prepared & Analyzed: 05/01/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00027 - EPA 5035A											
Blank (BE00027-BLK1) Blank									Prepared & Analyzed: 05/01/2020		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
Blank (BE00027-BLK2) Blank									Prepared & Analyzed: 05/01/2020		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00027 - EPA 5035A											
Blank (BE00027-BLK2) Blank									Prepared & Analyzed: 05/01/2020		
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00027 - EPA 5035A											
LCS (BE00027-BS1) LCS							Prepared & Analyzed: 05/01/2020				
1,1,1,2-Tetrachloroethane	48.9		ug/L	50.0		97.7	75-129				
1,1,1-Trichloroethane	49.1		"	50.0		98.1	71-137				
1,1,2,2-Tetrachloroethane	50.3		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.0		"	50.0		112	58-146				
1,1,2-Trichloroethane	46.6		"	50.0		93.2	83-123				
1,1-Dichloroethane	46.5		"	50.0		93.0	75-130				
1,1-Dichloroethylene	46.7		"	50.0		93.4	64-137				
1,2,3-Trichlorobenzene	50.5		"	50.0		101	81-140				
1,2,3-Trichloropropane	47.3		"	50.0		94.6	81-126				
1,2,4-Trichlorobenzene	51.4		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	51.1		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	44.2		"	50.0		88.5	74-142				
1,2-Dibromoethane	48.2		"	50.0		96.4	86-123				
1,2-Dichlorobenzene	48.5		"	50.0		97.0	85-122				
1,2-Dichloroethane	47.4		"	50.0		94.8	71-133				
1,2-Dichloropropane	47.1		"	50.0		94.1	81-122				
1,3,5-Trimethylbenzene	50.4		"	50.0		101	82-126				
1,3-Dichlorobenzene	48.0		"	50.0		95.9	84-124				
1,4-Dichlorobenzene	48.6		"	50.0		97.2	84-124				
1,4-Dioxane	933		"	1050		88.9	10-228				
2-Butanone	47.4		"	50.0		94.8	58-147				
2-Hexanone	43.2		"	50.0		86.4	70-139				
4-Methyl-2-pentanone	47.0		"	50.0		93.9	72-132				
Acetone	33.4		"	50.0		66.8	36-155				
Acrolein	60.1		"	50.0		120	10-238				
Acrylonitrile	47.5		"	50.0		95.1	66-141				
Benzene	49.7		"	50.0		99.4	77-127				
Bromochloromethane	48.2		"	50.0		96.3	74-129				
Bromodichloromethane	48.3		"	50.0		96.7	81-124				
Bromoform	45.9		"	50.0		91.9	80-136				
Bromomethane	54.9		"	50.0		110	32-177				
Carbon disulfide	44.0		"	50.0		88.1	10-136				
Carbon tetrachloride	47.8		"	50.0		95.5	66-143				
Chlorobenzene	48.1		"	50.0		96.3	86-120				
Chloroethane	55.9		"	50.0		112	51-142				
Chloroform	48.6		"	50.0		97.2	76-131				
Chloromethane	49.0		"	50.0		98.0	49-132				
cis-1,2-Dichloroethylene	48.2		"	50.0		96.3	74-132				
cis-1,3-Dichloropropylene	49.3		"	50.0		98.6	81-129				
Cyclohexane	52.3		"	50.0		105	70-130				
Dibromochloromethane	46.3		"	50.0		92.5	10-200				
Dibromomethane	47.1		"	50.0		94.2	83-124				
Dichlorodifluoromethane	48.6		"	50.0		97.2	28-158				
Ethyl Benzene	51.1		"	50.0		102	84-125				
Hexachlorobutadiene	50.5		"	50.0		101	83-133				
Isopropylbenzene	49.4		"	50.0		98.9	81-127				
Methyl acetate	48.9		"	50.0		97.9	41-143				
Methyl tert-butyl ether (MTBE)	49.2		"	50.0		98.3	74-131				
Methylcyclohexane	51.1		"	50.0		102	70-130				
Methylene chloride	53.6		"	50.0		107	57-141				
n-Butylbenzene	49.3		"	50.0		98.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00027 - EPA 5035A											
LCS (BE00027-BS1) LCS								Prepared & Analyzed: 05/01/2020			
n-Propylbenzene	49.8		ug/L	50.0		99.6	74-136				
o-Xylene	50.9		"	50.0		102	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	52.9		"	50.0		106	85-125				
sec-Butylbenzene	53.8		"	50.0		108	83-125				
Styrene	51.5		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	230		"	250		92.1	70-130				
tert-Butylbenzene	50.0		"	50.0		100	80-127				
Tetrachloroethylene	44.8		"	50.0		89.5	80-129				
Toluene	49.5		"	50.0		99.0	85-121				
trans-1,2-Dichloroethylene	49.3		"	50.0		98.7	72-132				
trans-1,3-Dichloropropylene	45.4		"	50.0		90.9	78-132				
Trichloroethylene	47.8		"	50.0		95.7	84-123				
Trichlorofluoromethane	51.5		"	50.0		103	62-140				
Vinyl Chloride	52.1		"	50.0		104	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.3*	*76-130*				
LCS Dup (BE00027-BSD1) LCS Dup								Prepared & Analyzed: 05/01/2020			
1,1,1,2-Tetrachloroethane	52.7		ug/L	50.0		105	75-129		7.62	30	
1,1,1-Trichloroethane	53.3		"	50.0		107	71-137		8.34	30	
1,1,2,2-Tetrachloroethane	54.3		"	50.0		109	79-129		7.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63.6		"	50.0		127	58-146		12.8	30	
1,1,2-Trichloroethane	50.4		"	50.0		101	83-123		7.87	30	
1,1-Dichloroethane	50.4		"	50.0		101	75-130		8.03	30	
1,1-Dichloroethylene	59.4		"	50.0		119	64-137		24.0	30	
1,2,3-Trichlorobenzene	54.6		"	50.0		109	81-140		7.67	30	
1,2,3-Trichloropropane	50.2		"	50.0		100	81-126		6.05	30	
1,2,4-Trichlorobenzene	55.6		"	50.0		111	80-141		7.90	30	
1,2,4-Trimethylbenzene	55.7		"	50.0		111	84-125		8.63	30	
1,2-Dibromo-3-chloropropane	47.9		"	50.0		95.9	74-142		8.03	30	
1,2-Dibromoethane	52.4		"	50.0		105	86-123		8.31	30	
1,2-Dichlorobenzene	52.6		"	50.0		105	85-122		8.21	30	
1,2-Dichloroethane	51.0		"	50.0		102	71-133		7.28	30	
1,2-Dichloropropane	50.9		"	50.0		102	81-122		7.88	30	
1,3,5-Trimethylbenzene	54.9		"	50.0		110	82-126		8.58	30	
1,3-Dichlorobenzene	52.0		"	50.0		104	84-124		8.02	30	
1,4-Dichlorobenzene	52.3		"	50.0		105	84-124		7.41	30	
1,4-Dioxane	1000		"	1050		95.7	10-228		7.34	30	
2-Butanone	49.3		"	50.0		98.6	58-147		3.89	30	
2-Hexanone	46.1		"	50.0		92.2	70-139		6.47	30	
4-Methyl-2-pentanone	49.6		"	50.0		99.2	72-132		5.51	30	
Acetone	36.3		"	50.0		72.6	36-155		8.32	30	
Acrolein	72.1		"	50.0		144	10-238		18.2	30	
Acrylonitrile	50.2		"	50.0		100	66-141		5.52	30	
Benzene	54.1		"	50.0		108	77-127		8.50	30	
Bromochloromethane	52.6		"	50.0		105	74-129		8.83	30	
Bromodichloromethane	52.7		"	50.0		105	81-124		8.67	30	
Bromoform	48.2		"	50.0		96.3	80-136		4.70	30	
Bromomethane	53.0		"	50.0		106	32-177		3.43	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00027 - EPA 5035A											
LCS Dup (BE00027-BSD1) LCS Dup								Prepared & Analyzed: 05/01/2020			
Carbon disulfide	48.1		ug/L	50.0		96.1	10-136		8.75	30	
Carbon tetrachloride	52.3		"	50.0		105	66-143		9.09	30	
Chlorobenzene	52.4		"	50.0		105	86-120		8.46	30	
Chloroethane	57.9		"	50.0		116	51-142		3.46	30	
Chloroform	52.4		"	50.0		105	76-131		7.41	30	
Chloromethane	52.6		"	50.0		105	49-132		7.05	30	
cis-1,2-Dichloroethylene	53.1		"	50.0		106	74-132		9.74	30	
cis-1,3-Dichloropropylene	54.1		"	50.0		108	81-129		9.25	30	
Cyclohexane	57.6		"	50.0		115	70-130		9.68	30	
Dibromochloromethane	49.9		"	50.0		99.8	10-200		7.55	30	
Dibromomethane	50.4		"	50.0		101	83-124		6.73	30	
Dichlorodifluoromethane	53.1		"	50.0		106	28-158		8.77	30	
Ethyl Benzene	55.4		"	50.0		111	84-125		8.15	30	
Hexachlorobutadiene	55.8		"	50.0		112	83-133		9.97	30	
Isopropylbenzene	54.2		"	50.0		108	81-127		9.26	30	
Methyl acetate	51.1		"	50.0		102	41-143		4.28	30	
Methyl tert-butyl ether (MTBE)	53.0		"	50.0		106	74-131		7.40	30	
Methylcyclohexane	56.6		"	50.0		113	70-130		10.2	30	
Methylene chloride	58.1		"	50.0		116	57-141		8.09	30	
n-Butylbenzene	58.2		"	50.0		116	80-130		16.6	30	
n-Propylbenzene	54.5		"	50.0		109	74-136		8.96	30	
o-Xylene	55.5		"	50.0		111	83-123		8.51	30	
p- & m- Xylenes	112		"	100		112	82-128		7.82	30	
p-Isopropyltoluene	58.1		"	50.0		116	85-125		9.37	30	
sec-Butylbenzene	58.8		"	50.0		118	83-125		8.86	30	
Styrene	55.8		"	50.0		112	86-126		8.05	30	
tert-Butyl alcohol (TBA)	239		"	250		95.7	70-130		3.89	30	
tert-Butylbenzene	55.0		"	50.0		110	80-127		9.55	30	
Tetrachloroethylene	48.6		"	50.0		97.1	80-129		8.19	30	
Toluene	53.8		"	50.0		108	85-121		8.29	30	
trans-1,2-Dichloroethylene	54.0		"	50.0		108	72-132		8.94	30	
trans-1,3-Dichloropropylene	49.0		"	50.0		98.1	78-132		7.60	30	
Trichloroethylene	52.5		"	50.0		105	84-123		9.33	30	
Trichlorofluoromethane	55.6		"	50.0		111	62-140		7.51	30	
Vinyl Chloride	51.4		"	50.0		103	52-130		1.29	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
Blank (BE00028-BLK1) Blank									Prepared & Analyzed: 05/01/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
Blank (BE00028-BLK1) Blank									Prepared & Analyzed: 05/01/2020		
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
Blank (BE00028-BLK2) Blank									Prepared & Analyzed: 05/01/2020		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
Blank (BE00028-BLK2) Blank									Prepared & Analyzed: 05/01/2020		
Bromomethane	ND	0.50	mg/kg wet								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
Blank (BE00028-BLK3) Holding Blank 20D0522									Prepared & Analyzed: 05/01/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.016	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0095	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
Blank (BE00028-BLK3) Holding Blank 20D0522								Prepared & Analyzed: 05/01/2020			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.9*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
LCS (BE00028-BS1) LCS								Prepared & Analyzed: 05/01/2020			
1,1,1,2-Tetrachloroethane	47.3		ug/L	50.0		94.7	75-129				
1,1,1-Trichloroethane	52.2		"	50.0		104	71-137				
1,1,2,2-Tetrachloroethane	54.6		"	50.0		109	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.4		"	50.0		105	58-146				
1,1,2-Trichloroethane	49.3		"	50.0		98.6	83-123				
1,1-Dichloroethane	49.3		"	50.0		98.5	75-130				
1,1-Dichloroethylene	49.6		"	50.0		99.3	64-137				
1,2,3-Trichlorobenzene	51.2		"	50.0		102	81-140				
1,2,3-Trichloropropane	53.0		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	51.4		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	51.0		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	49.6		"	50.0		99.3	74-142				
1,2-Dibromoethane	51.8		"	50.0		104	86-123				
1,2-Dichlorobenzene	51.1		"	50.0		102	85-122				
1,2-Dichloroethane	54.2		"	50.0		108	71-133				
1,2-Dichloropropane	49.5		"	50.0		99.0	81-122				
1,3,5-Trimethylbenzene	50.6		"	50.0		101	82-126				
1,3-Dichlorobenzene	49.6		"	50.0		99.1	84-124				
1,4-Dichlorobenzene	49.8		"	50.0		99.6	84-124				
1,4-Dioxane	1060		"	1050		101	10-228				
2-Butanone	55.2		"	50.0		110	58-147				
2-Hexanone	54.8		"	50.0		110	70-139				
4-Methyl-2-pentanone	54.2		"	50.0		108	72-132				
Acetone	44.0		"	50.0		88.0	36-155				
Acrolein	63.0		"	50.0		126	10-238				
Acrylonitrile	54.4		"	50.0		109	66-141				
Benzene	50.8		"	50.0		102	77-127				
Bromochloromethane	52.0		"	50.0		104	74-129				
Bromodichloromethane	47.0		"	50.0		94.1	81-124				
Bromoform	46.7		"	50.0		93.4	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
LCS (BE00028-BS1) LCS							Prepared & Analyzed: 05/01/2020				
Bromomethane	60.7		ug/L	50.0		121	32-177				
Carbon disulfide	46.3		"	50.0		92.5	10-136				
Carbon tetrachloride	53.4		"	50.0		107	66-143				
Chlorobenzene	49.5		"	50.0		98.9	86-120				
Chloroethane	59.2		"	50.0		118	51-142				
Chloroform	51.7		"	50.0		103	76-131				
Chloromethane	54.2		"	50.0		108	49-132				
cis-1,2-Dichloroethylene	51.1		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	46.5		"	50.0		92.9	81-129				
Cyclohexane	57.1		"	50.0		114	70-130				
Dibromochloromethane	46.8		"	50.0		93.6	10-200				
Dibromomethane	51.4		"	50.0		103	83-124				
Dichlorodifluoromethane	50.9		"	50.0		102	28-158				
Ethyl Benzene	50.4		"	50.0		101	84-125				
Hexachlorobutadiene	52.1		"	50.0		104	83-133				
Isopropylbenzene	48.6		"	50.0		97.3	81-127				
Methyl acetate	51.4		"	50.0		103	41-143				
Methyl tert-butyl ether (MTBE)	50.2		"	50.0		100	74-131				
Methylcyclohexane	50.0		"	50.0		99.9	70-130				
Methylene chloride	55.4		"	50.0		111	57-141				
n-Butylbenzene	53.6		"	50.0		107	80-130				
n-Propylbenzene	49.1		"	50.0		98.3	74-136				
o-Xylene	50.2		"	50.0		100	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
p-Isopropyltoluene	51.8		"	50.0		104	85-125				
sec-Butylbenzene	52.8		"	50.0		106	83-125				
Styrene	51.7		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	261		"	250		104	70-130				
tert-Butylbenzene	43.3		"	50.0		86.5	80-127				
Tetrachloroethylene	45.4		"	50.0		90.8	80-129				
Toluene	50.1		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	52.2		"	50.0		104	72-132				
trans-1,3-Dichloropropylene	45.2		"	50.0		90.5	78-132				
Trichloroethylene	50.7		"	50.0		101	84-123				
Trichlorofluoromethane	59.4		"	50.0		119	62-140				
Vinyl Chloride	55.0		"	50.0		110	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
LCS Dup (BE00028-BSD1) LCS Dup								Prepared & Analyzed: 05/01/2020			
1,1,1,2-Tetrachloroethane	49.8		ug/L	50.0		99.7	75-129		5.19	30	
1,1,1-Trichloroethane	54.8		"	50.0		110	71-137		4.71	30	
1,1,2,2-Tetrachloroethane	56.0		"	50.0		112	79-129		2.59	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.1		"	50.0		110	58-146		5.04	30	
1,1,2-Trichloroethane	51.5		"	50.0		103	83-123		4.27	30	
1,1-Dichloroethane	51.7		"	50.0		103	75-130		4.85	30	
1,1-Dichloroethylene	51.9		"	50.0		104	64-137		4.43	30	
1,2,3-Trichlorobenzene	54.5		"	50.0		109	81-140		6.25	30	
1,2,3-Trichloropropane	54.0		"	50.0		108	81-126		1.78	30	
1,2,4-Trichlorobenzene	53.6		"	50.0		107	80-141		4.19	30	
1,2,4-Trimethylbenzene	53.5		"	50.0		107	84-125		4.83	30	
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.7	74-142		0.442	30	
1,2-Dibromoethane	53.4		"	50.0		107	86-123		2.99	30	
1,2-Dichlorobenzene	53.3		"	50.0		107	85-122		4.31	30	
1,2-Dichloroethane	54.5		"	50.0		109	71-133		0.589	30	
1,2-Dichloropropane	52.2		"	50.0		104	81-122		5.33	30	
1,3,5-Trimethylbenzene	52.7		"	50.0		105	82-126		4.01	30	
1,3-Dichlorobenzene	51.6		"	50.0		103	84-124		4.13	30	
1,4-Dichlorobenzene	52.0		"	50.0		104	84-124		4.44	30	
1,4-Dioxane	1090		"	1050		104	10-228		3.10	30	
2-Butanone	55.1		"	50.0		110	58-147		0.163	30	
2-Hexanone	54.8		"	50.0		110	70-139		0.0913	30	
4-Methyl-2-pentanone	53.8		"	50.0		108	72-132		0.630	30	
Acetone	44.0		"	50.0		87.9	36-155		0.0682	30	
Acrolein	63.9		"	50.0		128	10-238		1.45	30	
Acrylonitrile	54.7		"	50.0		109	66-141		0.477	30	
Benzene	53.2		"	50.0		106	77-127		4.68	30	
Bromochloromethane	55.3		"	50.0		111	74-129		6.13	30	
Bromodichloromethane	48.8		"	50.0		97.6	81-124		3.69	30	
Bromoform	47.9		"	50.0		95.8	80-136		2.52	30	
Bromomethane	60.1		"	50.0		120	32-177		0.977	30	
Carbon disulfide	48.4		"	50.0		96.7	10-136		4.46	30	
Carbon tetrachloride	55.9		"	50.0		112	66-143		4.50	30	
Chlorobenzene	51.8		"	50.0		104	86-120		4.62	30	
Chloroethane	59.8		"	50.0		120	51-142		1.04	30	
Chloroform	54.4		"	50.0		109	76-131		5.00	30	
Chloromethane	54.4		"	50.0		109	49-132		0.276	30	
cis-1,2-Dichloroethylene	53.6		"	50.0		107	74-132		4.70	30	
cis-1,3-Dichloropropylene	48.5		"	50.0		97.0	81-129		4.30	30	
Cyclohexane	59.6		"	50.0		119	70-130		4.40	30	
Dibromochloromethane	48.9		"	50.0		97.8	10-200		4.37	30	
Dibromomethane	53.6		"	50.0		107	83-124		4.23	30	
Dichlorodifluoromethane	52.4		"	50.0		105	28-158		2.90	30	
Ethyl Benzene	52.9		"	50.0		106	84-125		4.80	30	
Hexachlorobutadiene	55.2		"	50.0		110	83-133		5.78	30	
Isopropylbenzene	50.4		"	50.0		101	81-127		3.63	30	
Methyl acetate	51.4		"	50.0		103	41-143		0.0195	30	
Methyl tert-butyl ether (MTBE)	52.5		"	50.0		105	74-131		4.48	30	
Methylcyclohexane	52.5		"	50.0		105	70-130		5.00	30	
Methylene chloride	57.5		"	50.0		115	57-141		3.81	30	
n-Butylbenzene	57.0		"	50.0		114	80-130		6.14	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
LCS Dup (BE00028-BSD1) LCS Dup								Prepared & Analyzed: 05/01/2020			
n-Propylbenzene	50.9		ug/L	50.0		102	74-136		3.52	30	
o-Xylene	52.6		"	50.0		105	83-123		4.65	30	
p- & m- Xylenes	105		"	100		105	82-128		4.32	30	
p-Isopropyltoluene	54.4		"	50.0		109	85-125		4.82	30	
sec-Butylbenzene	55.7		"	50.0		111	83-125		5.40	30	
Styrene	53.8		"	50.0		108	86-126		4.09	30	
tert-Butyl alcohol (TBA)	264		"	250		106	70-130		1.31	30	
tert-Butylbenzene	45.3		"	50.0		90.7	80-127		4.67	30	
Tetrachloroethylene	47.9		"	50.0		95.8	80-129		5.38	30	
Toluene	52.5		"	50.0		105	85-121		4.64	30	
trans-1,2-Dichloroethylene	54.4		"	50.0		109	72-132		4.14	30	
trans-1,3-Dichloropropylene	47.3		"	50.0		94.7	78-132		4.54	30	
Trichloroethylene	52.4		"	50.0		105	84-123		3.30	30	
Trichlorofluoromethane	58.8		"	50.0		118	62-140		1.05	30	
Vinyl Chloride	55.8		"	50.0		112	52-130		1.59	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*76-130*				
Matrix Spike (BE00028-MS1) Matrix Spike *Source sample: 20D0850-04 (SB12_0-2)								Prepared & Analyzed: 05/01/2020			
1,1,1,2-Tetrachloroethane	14.1		ug/L	50.0	0.00	28.2	15-161				
1,1,1-Trichloroethane	20.1		"	50.0	0.00	40.2	42-145	Low Bias			
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	17.0		"	50.0	0.00	34.1	11-160				
1,1,2-Trichloroethane	22.6		"	50.0	0.00	45.2	44-145				
1,1-Dichloroethane	27.0		"	50.0	0.00	54.1	46-142				
1,1-Dichloroethylene	25.1		"	50.0	0.00	50.3	30-153				
1,2,3-Trichlorobenzene	3.35		"	50.0	0.00	6.70	10-157	Low Bias			
1,2,3-Trichloropropane	20.7		"	50.0	0.00	41.4	38-155				
1,2,4-Trichlorobenzene	3.55		"	50.0	0.00	7.10	10-151	Low Bias			
1,2,4-Trimethylbenzene	8.09		"	50.0	0.00	16.2	10-170				
1,2-Dibromo-3-chloropropane	11.2		"	50.0	0.00	22.3	36-138	Low Bias			
1,2-Dibromoethane	21.4		"	50.0	0.00	42.9	40-142				
1,2-Dichlorobenzene	8.03		"	50.0	0.00	16.1	10-147				
1,2-Dichloroethane	31.6		"	50.0	0.00	63.3	48-133				
1,2-Dichloropropane	23.8		"	50.0	0.00	47.5	47-141				
1,3,5-Trimethylbenzene	8.33		"	50.0	0.00	16.7	10-150				
1,3-Dichlorobenzene	7.65		"	50.0	0.00	15.3	10-144				
1,4-Dichlorobenzene	7.64		"	50.0	0.00	15.3	10-160				
1,4-Dioxane	734		"	1050	0.00	69.9	10-191				
2-Butanone	35.9		"	50.0	0.00	71.9	10-189				
2-Hexanone	32.4		"	50.0	0.00	64.8	10-181				
4-Methyl-2-pentanone	34.2		"	50.0	0.00	68.4	10-166				
Acetone	37.9		"	50.0	11.1	53.5	10-196				
Acrolein	3.58		"	50.0	0.00	7.16	10-192	Low Bias			
Acrylonitrile	37.5		"	50.0	0.00	75.0	13-161				
Benzene	24.1		"	50.0	0.00	48.2	43-139				
Bromochloromethane	31.2		"	50.0	0.00	62.5	38-145				
Bromodichloromethane	20.4		"	50.0	0.00	40.8	38-147				
Bromoform	13.9		"	50.0	0.00	27.8	29-156	Low Bias			
Bromomethane	38.8		"	50.0	0.00	77.6	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00028 - EPA 5035A											
Matrix Spike (BE00028-MS1) Matrix Spike	*Source sample: 20D0850-04 (SB12_0-2)							Prepared & Analyzed: 05/01/2020			
Carbon disulfide	14.4		ug/L	50.0	0.00	28.7	10-131				
Carbon tetrachloride	15.1		"	50.0	0.00	30.1	35-145	Low Bias			
Chlorobenzene	14.4		"	50.0	0.00	28.9	21-154				
Chloroethane	37.7		"	50.0	0.00	75.4	15-160				
Chloroform	26.9		"	50.0	0.00	53.9	47-142				
Chloromethane	37.5		"	50.0	0.00	75.0	10-159				
cis-1,2-Dichloroethylene	26.8		"	50.0	0.00	53.7	42-144				
cis-1,3-Dichloropropylene	19.3		"	50.0	0.00	38.6	18-159				
Cyclohexane	12.4		"	50.0	0.00	24.8	70-130	Low Bias			
Dibromochloromethane	16.9		"	50.0	0.00	33.7	10-179				
Dibromomethane	26.8		"	50.0	0.00	53.7	47-143				
Dichlorodifluoromethane	25.8		"	50.0	0.00	51.6	10-145				
Ethyl Benzene	12.6		"	50.0	0.00	25.2	11-158				
Hexachlorobutadiene	3.23		"	50.0	0.00	6.46	10-158	Low Bias			
Isopropylbenzene	9.23		"	50.0	0.00	18.5	10-162				
Methyl acetate	2.68		"	50.0	0.00	5.36	10-149	Low Bias			
Methyl tert-butyl ether (MTBE)	34.4		"	50.0	0.00	68.8	42-152				
Methylcyclohexane	7.32		"	50.0	0.00	14.6	70-130	Low Bias			
Methylene chloride	35.7		"	50.0	0.00	71.4	28-151				
n-Butylbenzene	5.86		"	50.0	0.00	11.7	10-162				
n-Propylbenzene	8.35		"	50.0	0.00	16.7	10-155				
o-Xylene	12.1		"	50.0	0.00	24.1	10-158				
p- & m- Xylenes	24.1		"	100	0.00	24.1	10-156				
p-Isopropyltoluene	6.41		"	50.0	0.00	12.8	10-147				
sec-Butylbenzene	6.73		"	50.0	0.00	13.5	10-157				
Styrene	12.2		"	50.0	0.00	24.3	13-171				
tert-Butyl alcohol (TBA)	143		"	250	0.00	57.2	34-179				
tert-Butylbenzene	6.44		"	50.0	0.00	12.9	10-160				
Tetrachloroethylene	10.8		"	50.0	0.00	21.7	30-167	Low Bias			
Toluene	17.5		"	50.0	0.00	35.1	21-160				
trans-1,2-Dichloroethylene	26.4		"	50.0	0.00	52.8	29-153				
trans-1,3-Dichloropropylene	17.4		"	50.0	0.00	34.8	18-155				
Trichloroethylene	33.5		"	50.0	0.00	67.0	24-169				
Trichlorofluoromethane	25.5		"	50.0	0.00	51.1	35-142				
Vinyl Chloride	34.3		"	50.0	0.00	68.6	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.0*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00042 - EPA 5030B											
Blank (BE00042-BLK1) Blank									Prepared & Analyzed: 05/04/2020		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

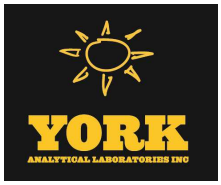
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00042 - EPA 5030B											
Blank (BE00042-BLK1) Blank								Prepared & Analyzed: 05/04/2020			
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.63*		*"*	*10.0*		*96.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BE00042-BS1) LCS								Prepared & Analyzed: 05/04/2020			
1,1,1,2-Tetrachloroethane	9.82		ug/L	10.0		98.2	82-126				
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	9.40		"	10.0		94.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165				
1,1,2-Trichloroethane	8.78		"	10.0		87.8	82-123				
1,1-Dichloroethane	9.50		"	10.0		95.0	82-129				
1,1-Dichloroethylene	8.82		"	10.0		88.2	68-138				
1,2,3-Trichlorobenzene	8.29		"	10.0		82.9	76-136				
1,2,3-Trichloropropane	9.78		"	10.0		97.8	77-128				
1,2,4-Trichlorobenzene	8.26		"	10.0		82.6	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	8.12		"	10.0		81.2	45-147				
1,2-Dibromoethane	8.86		"	10.0		88.6	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	8.34		"	10.0		83.4	73-132				
1,2-Dichloropropane	8.44		"	10.0		84.4	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	9.83		"	10.0		98.3	86-122				
1,4-Dichlorobenzene	9.82		"	10.0		98.2	85-124				
1,4-Dioxane	229		"	210		109	10-349				
2-Butanone	8.65		"	10.0		86.5	49-152				
2-Hexanone	7.57		"	10.0		75.7	51-146				
4-Methyl-2-pentanone	7.17		"	10.0		71.7	57-145				
Acetone	5.89		"	10.0		58.9	14-150				
Acrolein	6.05		"	10.0		60.5	10-153				
Acrylonitrile	7.87		"	10.0		78.7	51-150				
Benzene	9.07		"	10.0		90.7	85-126				
Bromochloromethane	9.22		"	10.0		92.2	77-128				
Bromodichloromethane	9.09		"	10.0		90.9	79-128				
Bromoform	9.15		"	10.0		91.5	78-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00042 - EPA 5030B											
LCS (BE00042-BS1) LCS								Prepared & Analyzed: 05/04/2020			
Bromomethane	1.95		ug/L	10.0		19.5	43-168	Low Bias			
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	10.4		"	10.0		104	77-141				
Chlorobenzene	9.45		"	10.0		94.5	88-120				
Chloroethane	12.3		"	10.0		123	65-136				
Chloroform	9.06		"	10.0		90.6	82-128				
Chloromethane	5.77		"	10.0		57.7	43-155				
cis-1,2-Dichloroethylene	8.93		"	10.0		89.3	83-129				
cis-1,3-Dichloropropylene	9.28		"	10.0		92.8	80-131				
Cyclohexane	3.77		"	10.0		37.7	63-149	Low Bias			
Dibromochloromethane	9.32		"	10.0		93.2	80-130				
Dibromomethane	8.68		"	10.0		86.8	72-134				
Dichlorodifluoromethane	11.2		"	10.0		112	44-144				
Ethyl Benzene	9.48		"	10.0		94.8	80-131				
Hexachlorobutadiene	8.69		"	10.0		86.9	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl acetate	7.49		"	10.0		74.9	51-139				
Methyl tert-butyl ether (MTBE)	8.74		"	10.0		87.4	76-135				
Methylcyclohexane	8.70		"	10.0		87.0	72-143				
Methylene chloride	8.87		"	10.0		88.7	55-137				
n-Butylbenzene	9.80		"	10.0		98.0	79-132				
n-Propylbenzene	10.1		"	10.0		101	78-133				
o-Xylene	9.41		"	10.0		94.1	78-130				
p- & m- Xylenes	18.8		"	20.0		94.1	77-133				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	9.68		"	10.0		96.8	67-132				
tert-Butyl alcohol (TBA)	35.9		"	50.0		71.7	25-162				
tert-Butylbenzene	8.85		"	10.0		88.5	77-138				
Tetrachloroethylene	9.19		"	10.0		91.9	82-131				
Toluene	9.14		"	10.0		91.4	80-127				
trans-1,2-Dichloroethylene	8.99		"	10.0		89.9	80-132				
trans-1,3-Dichloropropylene	9.00		"	10.0		90.0	78-131				
Trichloroethylene	8.89		"	10.0		88.9	82-128				
Trichlorofluoromethane	11.1		"	10.0		111	67-139				
Vinyl Chloride	7.93		"	10.0		79.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.24*		*"*	*10.0*		*92.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00042 - EPA 5030B											
LCS Dup (BE00042-BSD1) LCS Dup								Prepared & Analyzed: 05/04/2020			
1,1,1,2-Tetrachloroethane	9.20		ug/L	10.0		92.0	82-126		6.52	30	
1,1,1-Trichloroethane	9.75		"	10.0		97.5	78-136		3.33	30	
1,1,2,2-Tetrachloroethane	9.24		"	10.0		92.4	76-129		1.72	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.55		"	10.0		95.5	54-165		5.50	30	
1,1,2-Trichloroethane	8.52		"	10.0		85.2	82-123		3.01	30	
1,1-Dichloroethane	9.53		"	10.0		95.3	82-129		0.315	30	
1,1-Dichloroethylene	8.40		"	10.0		84.0	68-138		4.88	30	
1,2,3-Trichlorobenzene	8.08		"	10.0		80.8	76-136		2.57	30	
1,2,3-Trichloropropane	9.66		"	10.0		96.6	77-128		1.23	30	
1,2,4-Trichlorobenzene	8.20		"	10.0		82.0	76-137		0.729	30	
1,2,4-Trimethylbenzene	9.48		"	10.0		94.8	82-132		6.23	30	
1,2-Dibromo-3-chloropropane	7.96		"	10.0		79.6	45-147		1.99	30	
1,2-Dibromoethane	9.05		"	10.0		90.5	83-124		2.12	30	
1,2-Dichlorobenzene	9.33		"	10.0		93.3	79-123		7.13	30	
1,2-Dichloroethane	8.30		"	10.0		83.0	73-132		0.481	30	
1,2-Dichloropropane	8.18		"	10.0		81.8	78-126		3.13	30	
1,3,5-Trimethylbenzene	9.54		"	10.0		95.4	80-131		8.72	30	
1,3-Dichlorobenzene	9.23		"	10.0		92.3	86-122		6.30	30	
1,4-Dichlorobenzene	9.32		"	10.0		93.2	85-124		5.22	30	
1,4-Dioxane	249		"	210		119	10-349		8.57	30	
2-Butanone	7.85		"	10.0		78.5	49-152		9.70	30	
2-Hexanone	7.66		"	10.0		76.6	51-146		1.18	30	
4-Methyl-2-pentanone	7.39		"	10.0		73.9	57-145		3.02	30	
Acetone	6.37		"	10.0		63.7	14-150		7.83	30	
Acrolein	6.78		"	10.0		67.8	10-153		11.4	30	
Acrylonitrile	8.60		"	10.0		86.0	51-150		8.86	30	
Benzene	8.85		"	10.0		88.5	85-126		2.46	30	
Bromochloromethane	8.27		"	10.0		82.7	77-128		10.9	30	
Bromodichloromethane	8.61		"	10.0		86.1	79-128		5.42	30	
Bromoform	8.88		"	10.0		88.8	78-133		3.00	30	
Bromomethane	1.49		"	10.0		14.9	43-168	Low Bias	26.7	30	
Carbon disulfide	9.12		"	10.0		91.2	68-146		11.2	30	
Carbon tetrachloride	9.46		"	10.0		94.6	77-141		9.56	30	
Chlorobenzene	9.09		"	10.0		90.9	88-120		3.88	30	
Chloroethane	8.76		"	10.0		87.6	65-136		33.5	30	Non-dir.
Chloroform	9.13		"	10.0		91.3	82-128		0.770	30	
Chloromethane	4.71		"	10.0		47.1	43-155		20.2	30	
cis-1,2-Dichloroethylene	8.76		"	10.0		87.6	83-129		1.92	30	
cis-1,3-Dichloropropylene	8.75		"	10.0		87.5	80-131		5.88	30	
Cyclohexane	3.58		"	10.0		35.8	63-149	Low Bias	5.17	30	
Dibromochloromethane	9.18		"	10.0		91.8	80-130		1.51	30	
Dibromomethane	8.84		"	10.0		88.4	72-134		1.83	30	
Dichlorodifluoromethane	9.62		"	10.0		96.2	44-144		15.0	30	
Ethyl Benzene	9.07		"	10.0		90.7	80-131		4.42	30	
Hexachlorobutadiene	7.96		"	10.0		79.6	67-146		8.77	30	
Isopropylbenzene	9.42		"	10.0		94.2	76-140		7.46	30	
Methyl acetate	7.40		"	10.0		74.0	51-139		1.21	30	
Methyl tert-butyl ether (MTBE)	9.01		"	10.0		90.1	76-135		3.04	30	
Methylcyclohexane	8.28		"	10.0		82.8	72-143		4.95	30	
Methylene chloride	8.05		"	10.0		80.5	55-137		9.69	30	
n-Butylbenzene	8.98		"	10.0		89.8	79-132		8.73	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

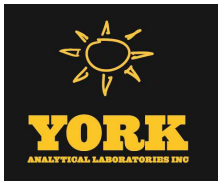
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00042 - EPA 5030B											
LCS Dup (BE00042-BSD1) LCS Dup								Prepared & Analyzed: 05/04/2020			
n-Propylbenzene	9.16		ug/L	10.0		91.6	78-133		9.46	30	
o-Xylene	8.75		"	10.0		87.5	78-130		7.27	30	
p- & m- Xylenes	17.9		"	20.0		89.4	77-133		5.12	30	
p-Isopropyltoluene	9.57		"	10.0		95.7	81-136		6.76	30	
sec-Butylbenzene	9.77		"	10.0		97.7	79-137		7.49	30	
Styrene	9.28		"	10.0		92.8	67-132		4.22	30	
tert-Butyl alcohol (TBA)	35.7		"	50.0		71.5	25-162		0.391	30	
tert-Butylbenzene	8.28		"	10.0		82.8	77-138		6.65	30	
Tetrachloroethylene	8.68		"	10.0		86.8	82-131		5.71	30	
Toluene	8.90		"	10.0		89.0	80-127		2.66	30	
trans-1,2-Dichloroethylene	8.88		"	10.0		88.8	80-132		1.23	30	
trans-1,3-Dichloropropylene	8.36		"	10.0		83.6	78-131		7.37	30	
Trichloroethylene	8.72		"	10.0		87.2	82-128		1.93	30	
Trichlorofluoromethane	9.55		"	10.0		95.5	67-139		15.4	30	
Vinyl Chloride	5.73		"	10.0		57.3	58-145	Low Bias	32.2	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.70*		*"*	*10.0*		*97.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
Batch BE00081 - EPA 5035A											
Blank (BE00081-BLK1) Blank								Prepared & Analyzed: 05/04/2020			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00081 - EPA 5035A											
Blank (BE00081-BLK1) Blank									Prepared & Analyzed: 05/04/2020		
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00081 - EPA 5035A											
Blank (BE00081-BLK2) Blank									Prepared & Analyzed: 05/04/2020		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00081 - EPA 5035A											
Blank (BE00081-BLK2) Blank								Prepared & Analyzed: 05/04/2020			
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*76-130*				
LCS (BE00081-BS1) LCS								Prepared & Analyzed: 05/04/2020			
1,1,1,2-Tetrachloroethane	51.8		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	53.6		"	50.0		107	71-137				
1,1,2,2-Tetrachloroethane	52.9		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64.3		"	50.0		129	58-146				
1,1,2-Trichloroethane	49.9		"	50.0		99.7	83-123				
1,1-Dichloroethane	50.8		"	50.0		102	75-130				
1,1-Dichloroethylene	60.3		"	50.0		121	64-137				
1,2,3-Trichlorobenzene	54.2		"	50.0		108	81-140				
1,2,3-Trichloropropane	50.7		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	55.7		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	53.9		"	50.0		108	84-125				
1,2-Dibromo-3-chloropropane	48.4		"	50.0		96.8	74-142				
1,2-Dibromoethane	52.3		"	50.0		105	86-123				
1,2-Dichlorobenzene	51.3		"	50.0		103	85-122				
1,2-Dichloroethane	51.3		"	50.0		103	71-133				
1,2-Dichloropropane	50.1		"	50.0		100	81-122				
1,3,5-Trimethylbenzene	53.2		"	50.0		106	82-126				
1,3-Dichlorobenzene	50.8		"	50.0		102	84-124				
1,4-Dichlorobenzene	51.6		"	50.0		103	84-124				
1,4-Dioxane	1110		"	1050		106	10-228				
2-Butanone	52.6		"	50.0		105	58-147				
2-Hexanone	46.7		"	50.0		93.4	70-139				
4-Methyl-2-pentanone	50.9		"	50.0		102	72-132				
Acetone	43.5		"	50.0		86.9	36-155				
Acrolein	75.8		"	50.0		152	10-238				
Acrylonitrile	52.6		"	50.0		105	66-141				
Benzene	54.3		"	50.0		109	77-127				
Bromochloromethane	52.9		"	50.0		106	74-129				
Bromodichloromethane	51.8		"	50.0		104	81-124				
Bromoform	49.1		"	50.0		98.3	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00081 - EPA 5035A											
LCS (BE00081-BS1) LCS							Prepared & Analyzed: 05/04/2020				
Bromomethane	59.1		ug/L	50.0		118	32-177				
Carbon disulfide	52.5		"	50.0		105	10-136				
Carbon tetrachloride	52.3		"	50.0		105	66-143				
Chlorobenzene	51.7		"	50.0		103	86-120				
Chloroethane	61.1		"	50.0		122	51-142				
Chloroform	52.3		"	50.0		105	76-131				
Chloromethane	52.8		"	50.0		106	49-132				
cis-1,2-Dichloroethylene	52.9		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	53.6		"	50.0		107	81-129				
Cyclohexane	57.5		"	50.0		115	70-130				
Dibromochloromethane	49.5		"	50.0		99.0	10-200				
Dibromomethane	50.1		"	50.0		100	83-124				
Dichlorodifluoromethane	52.0		"	50.0		104	28-158				
Ethyl Benzene	55.3		"	50.0		111	84-125				
Hexachlorobutadiene	54.5		"	50.0		109	83-133				
Isopropylbenzene	52.7		"	50.0		105	81-127				
Methyl acetate	49.2		"	50.0		98.3	41-143				
Methyl tert-butyl ether (MTBE)	52.7		"	50.0		105	74-131				
Methylcyclohexane	55.6		"	50.0		111	70-130				
Methylene chloride	56.9		"	50.0		114	57-141				
n-Butylbenzene	56.8		"	50.0		114	80-130				
n-Propylbenzene	53.2		"	50.0		106	74-136				
o-Xylene	55.0		"	50.0		110	83-123				
p- & m- Xylenes	112		"	100		112	82-128				
p-Isopropyltoluene	56.2		"	50.0		112	85-125				
sec-Butylbenzene	57.2		"	50.0		114	83-125				
Styrene	55.2		"	50.0		110	86-126				
tert-Butyl alcohol (TBA)	262		"	250		105	70-130				
tert-Butylbenzene	53.1		"	50.0		106	80-127				
Tetrachloroethylene	48.6		"	50.0		97.3	80-129				
Toluene	53.9		"	50.0		108	85-121				
trans-1,2-Dichloroethylene	54.4		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	49.3		"	50.0		98.5	78-132				
Trichloroethylene	51.9		"	50.0		104	84-123				
Trichlorofluoromethane	58.0		"	50.0		116	62-140				
Vinyl Chloride	54.9		"	50.0		110	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*98.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00081 - EPA 5035A											
LCS Dup (BE00081-BSD1) LCS Dup							Prepared & Analyzed: 05/04/2020				
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129		0.756	30	
1,1,1-Trichloroethane	49.1		"	50.0		98.3	71-137		8.65	30	
1,1,2,2-Tetrachloroethane	53.6		"	50.0		107	79-129		1.45	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.6		"	50.0		107	58-146		18.1	30	
1,1,2-Trichloroethane	49.2		"	50.0		98.3	83-123		1.43	30	
1,1-Dichloroethane	51.2		"	50.0		102	75-130		0.843	30	
1,1-Dichloroethylene	50.1		"	50.0		100	64-137		18.5	30	
1,2,3-Trichlorobenzene	53.7		"	50.0		107	81-140		1.02	30	
1,2,3-Trichloropropane	50.6		"	50.0		101	81-126		0.217	30	
1,2,4-Trichlorobenzene	54.8		"	50.0		110	80-141		1.68	30	
1,2,4-Trimethylbenzene	54.2		"	50.0		108	84-125		0.611	30	
1,2-Dibromo-3-chloropropane	49.2		"	50.0		98.3	74-142		1.54	30	
1,2-Dibromoethane	51.3		"	50.0		103	86-123		1.93	30	
1,2-Dichlorobenzene	51.4		"	50.0		103	85-122		0.234	30	
1,2-Dichloroethane	47.2		"	50.0		94.4	71-133		8.35	30	
1,2-Dichloropropane	50.3		"	50.0		101	81-122		0.498	30	
1,3,5-Trimethylbenzene	53.3		"	50.0		107	82-126		0.188	30	
1,3-Dichlorobenzene	51.0		"	50.0		102	84-124		0.393	30	
1,4-Dichlorobenzene	51.6		"	50.0		103	84-124		0.0194	30	
1,4-Dioxane	1060		"	1050		101	10-228		4.72	30	
2-Butanone	51.1		"	50.0		102	58-147		2.82	30	
2-Hexanone	47.0		"	50.0		94.0	70-139		0.640	30	
4-Methyl-2-pentanone	50.6		"	50.0		101	72-132		0.591	30	
Acetone	36.0		"	50.0		72.1	36-155		18.7	30	
Acrolein	62.9		"	50.0		126	10-238		18.6	30	
Acrylonitrile	55.3		"	50.0		111	66-141		4.89	30	
Benzene	54.9		"	50.0		110	77-127		1.14	30	
Bromochloromethane	55.5		"	50.0		111	74-129		4.82	30	
Bromodichloromethane	51.1		"	50.0		102	81-124		1.44	30	
Bromoform	48.8		"	50.0		97.6	80-136		0.674	30	
Bromomethane	46.2		"	50.0		92.4	32-177		24.5	30	
Carbon disulfide	49.0		"	50.0		98.1	10-136		6.74	30	
Carbon tetrachloride	46.7		"	50.0		93.3	66-143		11.3	30	
Chlorobenzene	51.1		"	50.0		102	86-120		1.28	30	
Chloroethane	47.0		"	50.0		94.1	51-142		26.0	30	
Chloroform	50.1		"	50.0		100	76-131		4.28	30	
Chloromethane	44.0		"	50.0		88.0	49-132		18.3	30	
cis-1,2-Dichloroethylene	52.9		"	50.0		106	74-132		0.0189	30	
cis-1,3-Dichloropropylene	52.6		"	50.0		105	81-129		1.83	30	
Cyclohexane	60.9		"	50.0		122	70-130		5.73	30	
Dibromochloromethane	49.0		"	50.0		98.1	10-200		0.933	30	
Dibromomethane	49.7		"	50.0		99.5	83-124		0.741	30	
Dichlorodifluoromethane	43.2		"	50.0		86.3	28-158		18.6	30	
Ethyl Benzene	54.4		"	50.0		109	84-125		1.66	30	
Hexachlorobutadiene	54.3		"	50.0		109	83-133		0.312	30	
Isopropylbenzene	53.1		"	50.0		106	81-127		0.643	30	
Methyl acetate	51.9		"	50.0		104	41-143		5.52	30	
Methyl tert-butyl ether (MTBE)	50.9		"	50.0		102	74-131		3.50	30	
Methylcyclohexane	57.8		"	50.0		116	70-130		3.88	30	
Methylene chloride	59.6		"	50.0		119	57-141		4.69	30	
n-Butylbenzene	53.2		"	50.0		106	80-130		6.55	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00081 - EPA 5035A											
LCS Dup (BE00081-BSD1) LCS Dup								Prepared & Analyzed: 05/04/2020			
n-Propylbenzene	53.3		ug/L	50.0		107	74-136		0.0376	30	
o-Xylene	54.2		"	50.0		108	83-123		1.41	30	
p- & m- Xylenes	110		"	100		110	82-128		1.83	30	
p-Isopropyltoluene	56.5		"	50.0		113	85-125		0.603	30	
sec-Butylbenzene	57.3		"	50.0		115	83-125		0.122	30	
Styrene	54.6		"	50.0		109	86-126		1.07	30	
tert-Butyl alcohol (TBA)	252		"	250		101	70-130		3.83	30	
tert-Butylbenzene	53.5		"	50.0		107	80-127		0.769	30	
Tetrachloroethylene	48.0		"	50.0		96.0	80-129		1.26	30	
Toluene	52.7		"	50.0		105	85-121		2.25	30	
trans-1,2-Dichloroethylene	54.3		"	50.0		109	72-132		0.0736	30	
trans-1,3-Dichloropropylene	48.5		"	50.0		97.0	78-132		1.58	30	
Trichloroethylene	58.2		"	50.0		116	84-123		11.5	30	
Trichlorofluoromethane	47.1		"	50.0		94.2	62-140		20.7	30	
Vinyl Chloride	43.9		"	50.0		87.8	52-130		22.3	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.7*		*"*	*50.0*		*91.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*76-130*				
Matrix Spike (BE00081-MS1) Matrix Spike *Source sample: 20D0850-04 (SB12_0-2)								Prepared & Analyzed: 05/04/2020			
1,1,1,2-Tetrachloroethane	38.4		ug/L	50.0	0.00	76.7	15-161				
1,1,1-Trichloroethane	40.8		"	50.0	0.00	81.7	42-145				
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37.1		"	50.0	0.00	74.1	11-160				
1,1,2-Trichloroethane	43.2		"	50.0	0.00	86.4	44-145				
1,1-Dichloroethane	47.0		"	50.0	0.00	94.0	46-142				
1,1-Dichloroethylene	54.2		"	50.0	0.00	108	30-153				
1,2,3-Trichlorobenzene	12.4		"	50.0	0.00	24.9	10-157				
1,2,3-Trichloropropane	54.0		"	50.0	0.00	108	38-155				
1,2,4-Trichlorobenzene	13.3		"	50.0	0.00	26.5	10-151				
1,2,4-Trimethylbenzene	27.7		"	50.0	0.00	55.4	10-170				
1,2-Dibromo-3-chloropropane	35.1		"	50.0	0.00	70.1	36-138				
1,2-Dibromoethane	46.5		"	50.0	0.00	92.9	40-142				
1,2-Dichlorobenzene	26.9		"	50.0	0.00	53.8	10-147				
1,2-Dichloroethane	50.1		"	50.0	0.00	100	48-133				
1,2-Dichloropropane	49.3		"	50.0	0.00	98.6	47-141				
1,3,5-Trimethylbenzene	27.4		"	50.0	0.00	54.8	10-150				
1,3-Dichlorobenzene	25.7		"	50.0	0.00	51.4	10-144				
1,4-Dichlorobenzene	26.3		"	50.0	0.00	52.5	10-160				
1,4-Dioxane	1150		"	1050	0.00	110	10-191				
2-Butanone	51.3		"	50.0	0.00	103	10-189				
2-Hexanone	48.4		"	50.0	0.00	96.9	10-181				
4-Methyl-2-pentanone	53.1		"	50.0	0.00	106	10-166				
Acetone	57.1		"	50.0	15.3	83.6	10-196				
Acrolein	7.47		"	50.0	0.00	14.9	10-192				
Acrylonitrile	50.1		"	50.0	0.00	100	13-161				
Benzene	45.0		"	50.0	0.00	90.1	43-139				
Bromochloromethane	50.2		"	50.0	0.00	100	38-145				
Bromodichloromethane	47.4		"	50.0	0.00	94.7	38-147				
Bromoform	36.6		"	50.0	0.00	73.2	29-156				
Bromomethane	53.4		"	50.0	0.00	107	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00081 - EPA 5035A											
Matrix Spike (BE00081-MS1) Matrix Spike	*Source sample: 20D0850-04 (SB12_0-2)							Prepared & Analyzed: 05/04/2020			
Carbon disulfide	42.2		ug/L	50.0	0.00	84.4	10-131				
Carbon tetrachloride	33.9		"	50.0	0.00	67.7	35-145				
Chlorobenzene	34.9		"	50.0	0.00	69.8	21-154				
Chloroethane	62.8		"	50.0	0.00	126	15-160				
Chloroform	47.7		"	50.0	0.00	95.4	47-142				
Chloromethane	50.2		"	50.0	0.00	100	10-159				
cis-1,2-Dichloroethylene	47.1		"	50.0	0.00	94.2	42-144				
cis-1,3-Dichloropropylene	48.0		"	50.0	0.00	96.0	18-159				
Cyclohexane	24.7		"	50.0	0.00	49.5	70-130	Low Bias			
Dibromochloromethane	41.5		"	50.0	0.00	83.0	10-179				
Dibromomethane	51.0		"	50.0	0.00	102	47-143				
Dichlorodifluoromethane	39.4		"	50.0	0.00	78.7	10-145				
Ethyl Benzene	32.0		"	50.0	0.00	63.9	11-158				
Hexachlorobutadiene	8.76		"	50.0	0.00	17.5	10-158				
Isopropylbenzene	30.2		"	50.0	0.00	60.4	10-162				
Methyl acetate	0.00		"	50.0	0.00		10-149	Low Bias			
Methyl tert-butyl ether (MTBE)	53.8		"	50.0	0.00	108	42-152				
Methylcyclohexane	17.0		"	50.0	0.00	34.0	70-130	Low Bias			
Methylene chloride	57.2		"	50.0	0.00	114	28-151				
n-Butylbenzene	19.6		"	50.0	0.00	39.2	10-162				
n-Propylbenzene	27.2		"	50.0	0.00	54.5	10-155				
o-Xylene	31.9		"	50.0	0.00	63.8	10-158				
p- & m- Xylenes	63.6		"	100	0.00	63.6	10-156				
p-Isopropyltoluene	21.2		"	50.0	0.00	42.3	10-147				
sec-Butylbenzene	21.9		"	50.0	0.00	43.8	10-157				
Styrene	33.0		"	50.0	0.00	66.0	13-171				
tert-Butyl alcohol (TBA)	242		"	250	0.00	96.9	34-179				
tert-Butylbenzene	24.2		"	50.0	0.00	48.5	10-160				
Tetrachloroethylene	25.0		"	50.0	0.00	49.9	30-167				
Toluene	40.8		"	50.0	0.00	81.6	21-160				
trans-1,2-Dichloroethylene	46.1		"	50.0	0.00	92.2	29-153				
trans-1,3-Dichloropropylene	43.0		"	50.0	0.00	85.9	18-155				
Trichloroethylene	74.4		"	50.0	0.00	149	24-169				
Trichlorofluoromethane	45.4		"	50.0	0.00	90.7	35-142				
Vinyl Chloride	50.5		"	50.0	0.00	101	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.0*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.9*		*"*	*50.0*		*116*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE00081 - EPA 5035A

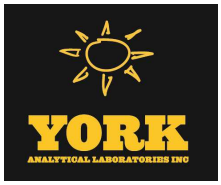
Matrix Spike Dup (BE00081-M Matrix Spike Dup *Source sample: 20D0850-04 (SB12_0-2) Prepared & Analyzed: 05/04/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	39.0		ug/L	50.0	0.00	78.0	15-161		1.73	33	
1,1,1-Trichloroethane	40.5		"	50.0	0.00	81.1	42-145		0.713	30	
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias		56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	33.9		"	50.0	0.00	67.8	11-160		8.97	31	
1,1,2-Trichloroethane	41.0		"	50.0	0.00	82.0	44-145		5.22	40	
1,1-Dichloroethane	44.5		"	50.0	0.00	89.0	46-142		5.38	36	
1,1-Dichloroethylene	43.6		"	50.0	0.00	87.3	30-153		21.5	31	
1,2,3-Trichlorobenzene	13.4		"	50.0	0.00	26.9	10-157		7.72	47	
1,2,3-Trichloropropane	54.3		"	50.0	0.00	109	38-155		0.610	48	
1,2,4-Trichlorobenzene	15.2		"	50.0	0.00	30.3	10-151		13.4	52	
1,2,4-Trimethylbenzene	34.3		"	50.0	0.00	68.6	10-170		21.2	242	
1,2-Dibromo-3-chloropropane	35.3		"	50.0	0.00	70.6	36-138		0.654	54	
1,2-Dibromoethane	43.4		"	50.0	0.00	86.8	40-142		6.81	39	
1,2-Dichlorobenzene	30.4		"	50.0	0.00	60.8	10-147		12.1	52	
1,2-Dichloroethane	45.0		"	50.0	0.00	90.1	48-133		10.6	32	
1,2-Dichloropropane	48.3		"	50.0	0.00	96.6	47-141		2.05	37	
1,3,5-Trimethylbenzene	34.5		"	50.0	0.00	69.0	10-150		22.8	62	
1,3-Dichlorobenzene	30.6		"	50.0	0.00	61.1	10-144		17.2	51	
1,4-Dichlorobenzene	30.4		"	50.0	0.00	60.8	10-160		14.6	52	
1,4-Dioxane	1040		"	1050	0.00	99.0	10-191		10.2	196	
2-Butanone	43.6		"	50.0	0.00	87.2	10-189		16.3	67	
2-Hexanone	44.4		"	50.0	0.00	88.8	10-181		8.66	60	
4-Methyl-2-pentanone	48.4		"	50.0	0.00	96.8	10-166		9.24	47	
Acetone	36.2		"	50.0	14.6	43.3	10-196		44.8	150	
Acrolein	4.45		"	50.0	0.00	8.90	10-192	Low Bias	50.7	128	
Acrylonitrile	44.9		"	50.0	0.00	89.8	13-161		11.0	48	
Benzene	44.3		"	50.0	0.00	88.5	43-139		1.72	64	
Bromochloromethane	46.0		"	50.0	0.00	92.1	38-145		8.54	30	
Bromodichloromethane	46.3		"	50.0	0.00	92.5	38-147		2.35	37	
Bromoform	34.5		"	50.0	0.00	69.0	29-156		5.88	51	
Bromomethane	57.2		"	50.0	0.00	114	10-166		6.82	42	
Carbon disulfide	35.0		"	50.0	0.00	70.0	10-131		18.7	36	
Carbon tetrachloride	35.0		"	50.0	0.00	70.0	35-145		3.37	31	
Chlorobenzene	36.5		"	50.0	0.00	72.9	21-154		4.40	32	
Chloroethane	55.5		"	50.0	0.00	111	15-160		12.3	40	
Chloroform	44.8		"	50.0	0.00	89.6	47-142		6.31	29	
Chloromethane	48.4		"	50.0	0.00	96.8	10-159		3.69	31	
cis-1,2-Dichloroethylene	45.0		"	50.0	0.00	89.9	42-144		4.65	30	
cis-1,3-Dichloropropylene	47.0		"	50.0	0.00	94.1	18-159		2.06	39	
Cyclohexane	27.8		"	50.0	0.00	55.6	70-130	Low Bias	11.7	30	
Dibromochloromethane	40.0		"	50.0	0.00	80.0	10-179		3.70	41	
Dibromomethane	47.8		"	50.0	0.00	95.6	47-143		6.40	41	
Dichlorodifluoromethane	39.8		"	50.0	0.00	79.5	10-145		1.01	34	
Ethyl Benzene	34.9		"	50.0	0.00	69.7	11-158		8.71	42	
Hexachlorobutadiene	10.5		"	50.0	0.00	21.0	10-158		18.1	45	
Isopropylbenzene	38.7		"	50.0	0.00	77.4	10-162		24.7	57	
Methyl acetate	0.00		"	50.0	0.00		10-149	Low Bias		64	
Methyl tert-butyl ether (MTBE)	49.4		"	50.0	0.00	98.9	42-152		8.45	47	
Methylcyclohexane	20.6		"	50.0	0.00	41.2	70-130	Low Bias	19.2	30	
Methylene chloride	52.5		"	50.0	0.00	105	28-151		8.51	49	
n-Butylbenzene	20.2		"	50.0	0.00	40.4	10-162		2.91	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00081 - EPA 5035A											
Matrix Spike Dup (BE00081-M Matrix Spike Dup	*Source sample: 20D0850-04 (SB12_0-2)								Prepared & Analyzed: 05/04/2020		
n-Propylbenzene	34.6		ug/L	50.0	0.00	69.2	10-155		23.9	56	
o-Xylene	34.0		"	50.0	0.00	67.9	10-158		6.35	51	
p- & m- Xylenes	69.1		"	100	0.00	69.1	10-156		8.37	47	
p-Isopropyltoluene	27.3		"	50.0	0.00	54.5	10-147		25.3	60	
sec-Butylbenzene	28.3		"	50.0	0.00	56.6	10-157		25.6	56	
Styrene	34.7		"	50.0	0.00	69.3	13-171		4.91	39	
tert-Butyl alcohol (TBA)	214		"	250	0.00	85.4	34-179		12.6	35	
tert-Butylbenzene	31.1		"	50.0	0.00	62.2	10-160		24.8	79	
Tetrachloroethylene	28.1		"	50.0	0.00	56.1	30-167		11.7	33	
Toluene	42.7		"	50.0	0.00	85.4	21-160		4.55	50	
trans-1,2-Dichloroethylene	44.5		"	50.0	0.00	89.0	29-153		3.51	30	
trans-1,3-Dichloropropylene	41.7		"	50.0	0.00	83.3	18-155		3.10	30	
Trichloroethylene	77.1		"	50.0	0.00	154	24-169		3.60	30	
Trichlorofluoromethane	42.0		"	50.0	0.00	84.1	35-142		7.62	30	
Vinyl Chloride	45.7		"	50.0	0.00	91.5	12-160		9.93	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.3*		*"*	*50.0*		*109*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*62.6*		*"*	*50.0*		*125*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00066 - EPA 3510C											
Blank (BE00066-BLK1) Blank									Prepared & Analyzed: 05/04/2020		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00066 - EPA 3510C											
Blank (BE00066-BLK1) Blank										Prepared & Analyzed: 05/04/2020	
Surrogate: SURR: 2-Fluorophenol	*17.4*		*ug/L*	*50.0*		*34.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.86*		*"*	*50.0*		*19.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.8*		*"*	*25.0*		*87.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.9*		*"*	*25.0*		*71.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*40.5*		*"*	*50.0*		*80.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.6*		*"*	*25.0*		*94.4*	*30.7-106*				
Blank (BE00066-BLK2) Blank										Prepared & Analyzed: 05/04/2020	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

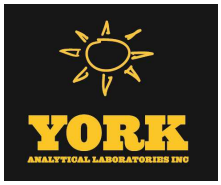
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00066 - EPA 3510C											
LCS (BE00066-BS1) LCS								Prepared & Analyzed: 05/04/2020			
1,1-Biphenyl	18.1	5.00	ug/L	25.0		72.6	33-95				
1,2,4,5-Tetrachlorobenzene	20.0	5.00	"	25.1		79.5	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	17.0	5.00	"	25.0		67.9	16-141				
2,3,4,6-Tetrachlorophenol	27.5	5.00	"	25.0		110	30-130				
2,4,5-Trichlorophenol	17.4	5.00	"	25.0		69.5	32-114				
2,4,6-Trichlorophenol	20.0	5.00	"	25.0		80.0	35-118				
2,4-Dichlorophenol	18.5	5.00	"	25.0		74.1	25-116				
2,4-Dimethylphenol	17.0	5.00	"	25.0		68.2	15-116				
2,4-Dinitrophenol	24.2	5.00	"	25.0		96.7	10-170				
2,4-Dinitrotoluene	23.1	5.00	"	25.0		92.4	41-128				
2,6-Dinitrotoluene	23.9	5.00	"	25.0		95.4	45-116				
2-Chloronaphthalene	16.2	5.00	"	25.0		64.7	33-112				
2-Chlorophenol	14.1	5.00	"	25.0		56.5	15-120				
2-Methylnaphthalene	19.4	5.00	"	25.0		77.6	24-118				
2-Methylphenol	10.2	5.00	"	25.0		40.9	10-110				
2-Nitroaniline	23.2	5.00	"	25.0		92.6	34-129				
2-Nitrophenol	23.5	5.00	"	25.0		94.0	28-118				
3- & 4-Methylphenols	8.55	5.00	"	25.0		34.2	10-107				
3,3-Dichlorobenzidine	21.9	5.00	"	25.0		87.5	15-187				
3-Nitroaniline	19.3	5.00	"	25.0		77.4	24-134				
4,6-Dinitro-2-methylphenol	24.0	5.00	"	25.0		95.9	10-153				
4-Bromophenyl phenyl ether	18.8	5.00	"	25.0		75.2	34-120				
4-Chloro-3-methylphenol	21.2	5.00	"	25.0		84.6	20-120				
4-Chloroaniline	14.0	5.00	"	25.0		55.8	10-147				
4-Chlorophenyl phenyl ether	18.3	5.00	"	25.0		73.4	27-121				
4-Nitroaniline	21.0	5.00	"	25.0		83.8	13-134				
4-Nitrophenol	18.8	5.00	"	25.0		75.1	10-131				
Acetophenone	16.2	5.00	"	25.0		64.8	25-110				
Aniline	9.79	5.00	"	25.0		39.2	10-117				
Benzaldehyde	16.8	5.00	"	25.0		67.0	29-117				
Benzoic acid	6.10	5.00	"	25.0		24.4	30-130	Low Bias			
Benzyl alcohol	10.8	5.00	"	25.0		43.1	10-117				
Benzyl butyl phthalate	24.2	5.00	"	25.0		97.0	29-133				
Bis(2-chloroethoxy)methane	15.8	5.00	"	25.0		63.3	10-154				
Bis(2-chloroethyl)ether	14.1	5.00	"	25.0		56.2	17-125				
Bis(2-chloroisopropyl)ether	15.2	5.00	"	25.0		60.8	10-139				
Caprolactam	5.08	5.00	"	25.0		20.3	10-137				
Carbazole	21.1	5.00	"	25.0		84.4	42-126				
Dibenzofuran	18.7	5.00	"	25.0		74.8	36-113				
Diethyl phthalate	20.3	5.00	"	25.0		81.2	38-115				
Dimethyl phthalate	19.7	5.00	"	25.0		78.9	38-129				
Di-n-butyl phthalate	21.6	5.00	"	25.0		86.2	31-120				
Di-n-octyl phthalate	27.7	5.00	"	25.0		111	21-149				
Diphenylamine	19.5	5.00	"	25.0		78.0	40-140				
Hexachlorocyclopentadiene	11.1	10.0	"	25.0		44.5	10-130				
Isophorone	18.5	5.00	"	25.0		74.1	25-127				
N-nitroso-di-n-propylamine	14.6	5.00	"	25.0		58.2	26-122				
N-Nitrosodiphenylamine	20.1	5.00	"	25.0		80.5	23-149				
Phenol	5.80	5.00	"	25.0		23.2	10-110				
Pyridine	6.22	5.00	"	27.5		22.6	10-90				
Surrogate: SURR: 2-Fluorophenol	*16.4*		*"*	*50.0*		*32.8*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00066 - EPA 3510C											
LCS (BE00066-BS1) LCS							Prepared & Analyzed: 05/04/2020				
Surrogate: SURR: Phenol-d5	*9.57*		*ug/L*	*50.0*		*19.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.4*		*"*	*25.0*		*81.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.1*		*"*	*25.0*		*64.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*39.9*		*"*	*50.0*		*79.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.2*		*"*	*25.0*		*96.9*	*30.7-106*				
LCS (BE00066-BS2) LCS							Prepared & Analyzed: 05/04/2020				
Acenaphthene	0.740	0.0500	ug/L	1.00		74.0	25-116				
Acenaphthylene	0.720	0.0500	"	1.00		72.0	26-116				
Anthracene	0.790	0.0500	"	1.00		79.0	25-123				
Benzo(a)anthracene	0.850	0.0500	"	1.00		85.0	33-125				
Benzo(a)pyrene	0.920	0.0500	"	1.00		92.0	32-132				
Benzo(b)fluoranthene	0.970	0.0500	"	1.00		97.0	22-137				
Benzo(g,h,i)perylene	1.04	0.0500	"	1.00		104	10-138				
Benzo(k)fluoranthene	0.930	0.0500	"	1.00		93.0	20-137				
Bis(2-ethylhexyl)phthalate	1.02	0.500	"	1.00		102	10-189				
Chrysene	0.850	0.0500	"	1.00		85.0	32-124				
Dibenzo(a,h)anthracene	1.12	0.0500	"	1.00		112	16-133				
Fluoranthene	0.920	0.0500	"	1.00		92.0	32-121				
Fluorene	0.830	0.0500	"	1.00		83.0	28-118				
Hexachlorobenzene	0.600	0.0200	"	1.00		60.0	23-124				
Hexachlorobutadiene	0.730	0.500	"	1.00		73.0	15-123				
Hexachloroethane	0.720	0.500	"	1.00		72.0	18-115				
Indeno(1,2,3-cd)pyrene	1.09	0.0500	"	1.00		109	15-135				
Naphthalene	0.760	0.0500	"	1.00		76.0	18-120				
Nitrobenzene	1.25	0.250	"	1.00		125	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.700	0.250	"	1.00		70.0	10-156				
Phenanthrene	0.800	0.0500	"	1.00		80.0	24-127				
Pyrene	0.760	0.0500	"	1.00		76.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00066 - EPA 3510C											
LCS Dup (BE00066-BSD1) LCS Dup								Prepared & Analyzed: 05/04/2020			
1,1-Biphenyl	17.5	5.00	ug/L	25.0		69.9	33-95		3.71	20	
1,2,4,5-Tetrachlorobenzene	20.1	5.00	"	25.1		80.2	26-120		0.848	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.0	5.00	"	25.0		68.0	16-141		0.118	20	
2,3,4,6-Tetrachlorophenol	29.2	5.00	"	25.0		117	30-130		5.86	20	
2,4,5-Trichlorophenol	16.8	5.00	"	25.0		67.0	32-114		3.63	20	
2,4,6-Trichlorophenol	19.2	5.00	"	25.0		76.6	35-118		4.39	20	
2,4-Dichlorophenol	19.8	5.00	"	25.0		79.3	25-116		6.83	20	
2,4-Dimethylphenol	17.6	5.00	"	25.0		70.5	15-116		3.34	20	
2,4-Dinitrophenol	24.0	5.00	"	25.0		95.8	10-170		0.914	20	
2,4-Dinitrotoluene	23.2	5.00	"	25.0		92.7	41-128		0.302	20	
2,6-Dinitrotoluene	23.0	5.00	"	25.0		92.2	45-116		3.50	20	
2-Chloronaphthalene	16.1	5.00	"	25.0		64.3	33-112		0.682	20	
2-Chlorophenol	15.4	5.00	"	25.0		61.8	15-120		8.93	20	
2-Methylnaphthalene	19.7	5.00	"	25.0		78.9	24-118		1.69	20	
2-Methylphenol	11.2	5.00	"	25.0		45.0	10-110		9.51	20	
2-Nitroaniline	23.2	5.00	"	25.0		92.7	34-129		0.0863	20	
2-Nitrophenol	23.5	5.00	"	25.0		94.0	28-118		0.00	20	
3- & 4-Methylphenols	9.13	5.00	"	25.0		36.5	10-107		6.56	20	
3,3-Dichlorobenzidine	20.2	5.00	"	25.0		80.9	15-187		7.89	20	
3-Nitroaniline	19.0	5.00	"	25.0		75.8	24-134		1.98	20	
4,6-Dinitro-2-methylphenol	24.3	5.00	"	25.0		97.2	10-153		1.33	20	
4-Bromophenyl phenyl ether	19.2	5.00	"	25.0		76.6	34-120		1.84	20	
4-Chloro-3-methylphenol	20.4	5.00	"	25.0		81.7	20-120		3.51	20	
4-Chloroaniline	14.3	5.00	"	25.0		57.2	10-147		2.34	20	
4-Chlorophenyl phenyl ether	17.8	5.00	"	25.0		71.4	27-121		2.76	20	
4-Nitroaniline	20.8	5.00	"	25.0		83.0	13-134		0.959	20	
4-Nitrophenol	14.7	5.00	"	25.0		59.0	10-131		24.1	20	Non-dir.
Acetophenone	16.9	5.00	"	25.0		67.6	25-110		4.23	20	
Aniline	10.1	5.00	"	25.0		40.5	10-117		3.31	20	
Benzaldehyde	17.3	5.00	"	25.0		69.1	29-117		3.06	20	
Benzoic acid	5.92	5.00	"	25.0		23.7	30-130	Low Bias	3.00	20	
Benzyl alcohol	12.4	5.00	"	25.0		49.5	10-117		13.8	20	
Benzyl butyl phthalate	24.7	5.00	"	25.0		99.0	29-133		2.00	20	
Bis(2-chloroethoxy)methane	16.6	5.00	"	25.0		66.3	10-154		4.57	20	
Bis(2-chloroethyl)ether	15.6	5.00	"	25.0		62.2	17-125		10.1	20	
Bis(2-chloroisopropyl)ether	15.8	5.00	"	25.0		63.3	10-139		4.00	20	
Caprolactam	3.06	5.00	"	25.0		12.2	10-137		49.6	20	Non-dir.
Carbazole	21.4	5.00	"	25.0		85.6	42-126		1.51	20	
Dibenzofuran	18.2	5.00	"	25.0		72.7	36-113		2.77	20	
Diethyl phthalate	20.2	5.00	"	25.0		80.6	38-115		0.692	20	
Dimethyl phthalate	19.4	5.00	"	25.0		77.5	38-129		1.74	20	
Di-n-butyl phthalate	21.6	5.00	"	25.0		86.2	31-120		0.00	20	
Di-n-octyl phthalate	27.5	5.00	"	25.0		110	21-149		0.651	20	
Diphenylamine	20.1	5.00	"	25.0		80.4	40-140		2.98	20	
Hexachlorocyclopentadiene	10.8	10.0	"	25.0		43.3	10-130		2.82	20	
Isophorone	19.2	5.00	"	25.0		76.8	25-127		3.60	20	
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		62.1	26-122		6.45	20	
N-Nitrosodiphenylamine	19.8	5.00	"	25.0		79.0	23-149		1.81	20	
Phenol	6.24	5.00	"	25.0		25.0	10-110		7.31	20	
Pyridine	6.34	5.00	"	27.5		23.1	10-90		1.91	20	
Surrogate: SURR: 2-Fluorophenol	*17.3*		*"*	*50.0*		*34.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00066 - EPA 3510C											
LCS Dup (BE00066-BSD1) LCS Dup									Prepared & Analyzed: 05/04/2020		
Surrogate: SURR: Phenol-d5	*10.2*		*ug/L*	*50.0*		*20.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.3*		*"*	*25.0*		*85.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.8*		*"*	*25.0*		*63.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.9*		*"*	*50.0*		*83.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.7*		*"*	*25.0*		*94.9*	*30.7-106*				
Batch BE00153 - EPA 3550C											
Blank (BE00153-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
Blank (BE00153-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/06/2020		
Benzyl butyl phthalate	ND	0.0416	mg/kg wet								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.22*		"	*1.66*		*73.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.20*		"	*1.66*		*72.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.801*		"	*0.831*		*96.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.666*		"	*0.831*		*80.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.45*		"	*1.66*		*87.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.807*		"	*0.831*		*97.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

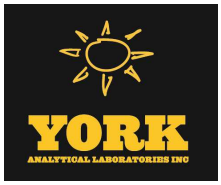
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
LCS (BE00153-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,1-Biphenyl	0.591	0.0416	mg/kg wet	0.831		71.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.702	0.0830	"	0.831		84.5	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.629	0.0416	"	0.831		75.7	17-137				
2,3,4,6-Tetrachlorophenol	0.567	0.0830	"	0.831		68.3	30-130				
2,4,5-Trichlorophenol	0.577	0.0416	"	0.831		69.4	27-118				
2,4,6-Trichlorophenol	0.622	0.0416	"	0.831		74.8	31-120				
2,4-Dichlorophenol	0.665	0.0416	"	0.831		80.1	20-127				
2,4-Dimethylphenol	0.595	0.0416	"	0.831		71.6	14-132				
2,4-Dinitrophenol	0.872	0.0830	"	0.831		105	10-171				
2,4-Dinitrotoluene	0.803	0.0416	"	0.831		96.7	34-131				
2,6-Dinitrotoluene	0.860	0.0416	"	0.831		104	31-128				
2-Chloronaphthalene	0.581	0.0416	"	0.831		69.9	31-117				
2-Chlorophenol	0.603	0.0416	"	0.831		72.6	33-113				
2-Methylnaphthalene	0.677	0.0416	"	0.831		81.5	12-138				
2-Methylphenol	0.540	0.0416	"	0.831		65.0	10-136				
2-Nitroaniline	0.849	0.0830	"	0.831		102	27-132				
2-Nitrophenol	0.755	0.0416	"	0.831		90.9	17-129				
3- & 4-Methylphenols	0.486	0.0416	"	0.831		58.6	29-103				
3,3-Dichlorobenzidine	0.795	0.0416	"	0.831		95.7	22-149				
3-Nitroaniline	0.706	0.0830	"	0.831		85.0	20-133				
4,6-Dinitro-2-methylphenol	0.938	0.0830	"	0.831		113	10-143				
4-Bromophenyl phenyl ether	0.591	0.0416	"	0.831		71.2	29-120				
4-Chloro-3-methylphenol	0.640	0.0416	"	0.831		77.0	24-129				
4-Chloroaniline	0.418	0.0416	"	0.831		50.4	10-132				
4-Chlorophenyl phenyl ether	0.614	0.0416	"	0.831		73.9	27-124				
4-Nitroaniline	0.828	0.0830	"	0.831		99.7	16-128				
4-Nitrophenol	0.605	0.0830	"	0.831		72.9	10-141				
Acenaphthene	0.575	0.0416	"	0.831		69.2	30-121				
Acenaphthylene	0.572	0.0416	"	0.831		68.9	30-115				
Acetophenone	0.601	0.0416	"	0.831		72.3	20-112				
Aniline	0.570	0.166	"	0.831		68.7	10-119				
Anthracene	0.631	0.0416	"	0.831		75.9	34-118				
Atrazine	0.640	0.0416	"	0.831		77.1	26-112				
Benzaldehyde	0.600	0.0416	"	0.831		72.3	21-100				
Benzo(a)anthracene	0.625	0.0416	"	0.831		75.3	32-122				
Benzo(a)pyrene	0.628	0.0416	"	0.831		75.6	29-133				
Benzo(b)fluoranthene	0.648	0.0416	"	0.831		78.0	25-133				
Benzo(g,h,i)perylene	0.618	0.0416	"	0.831		74.4	10-143				
Benzo(k)fluoranthene	0.623	0.0416	"	0.831		75.0	25-128				
Benzoic acid	0.592	0.0416	"	0.831		71.2	10-140				
Benzyl alcohol	0.681	0.0416	"	0.831		82.0	30-115				
Benzyl butyl phthalate	0.652	0.0416	"	0.831		78.5	26-126				
Bis(2-chloroethoxy)methane	0.613	0.0416	"	0.831		73.8	19-132				
Bis(2-chloroethyl)ether	0.580	0.0416	"	0.831		69.8	19-125				
Bis(2-chloroisopropyl)ether	0.619	0.0416	"	0.831		74.6	20-135				
Bis(2-ethylhexyl)phthalate	0.644	0.0416	"	0.831		77.5	10-155				
Caprolactam	0.644	0.0830	"	0.831		77.6	10-127				
Carbazole	0.625	0.0416	"	0.831		75.3	35-123				
Chrysene	0.620	0.0416	"	0.831		74.6	32-123				
Dibenzo(a,h)anthracene	0.700	0.0416	"	0.831		84.3	10-136				
Dibenzofuran	0.609	0.0416	"	0.831		73.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

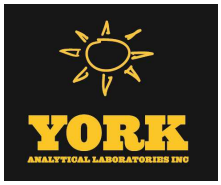
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
LCS (BE00153-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/06/2020		
Diethyl phthalate	0.583	0.0416	mg/kg wet	0.831		70.2	34-116				
Dimethyl phthalate	0.606	0.0416	"	0.831		72.9	35-124				
Di-n-butyl phthalate	0.634	0.0416	"	0.831		76.4	31-116				
Di-n-octyl phthalate	0.716	0.0416	"	0.831		86.2	26-136				
Diphenylamine	0.731	0.0830	"	0.831		88.0	40-140				
Fluoranthene	0.631	0.0416	"	0.831		76.0	33-122				
Fluorene	0.606	0.0416	"	0.831		73.0	29-123				
Hexachlorobenzene	0.617	0.0416	"	0.831		74.2	21-124				
Hexachlorobutadiene	0.627	0.0416	"	0.831		75.4	10-149				
Hexachlorocyclopentadiene	0.531	0.0416	"	0.831		64.0	10-129				
Hexachloroethane	0.603	0.0416	"	0.831		72.6	28-108				
Indeno(1,2,3-cd)pyrene	0.655	0.0416	"	0.831		78.9	10-135				
Isophorone	0.637	0.0416	"	0.831		76.7	20-132				
Naphthalene	0.630	0.0416	"	0.831		75.8	23-124				
Nitrobenzene	0.663	0.0416	"	0.831		79.8	13-132				
N-Nitrosodimethylamine	0.583	0.0416	"	0.831		70.2	11-129				
N-nitroso-di-n-propylamine	0.563	0.0416	"	0.831		67.8	24-119				
N-Nitrosodiphenylamine	0.715	0.0416	"	0.831		86.0	22-152				
Pentachlorophenol	0.557	0.0416	"	0.831		67.1	10-139				
Phenanthrene	0.631	0.0416	"	0.831		76.0	33-123				
Phenol	0.642	0.0416	"	0.831		77.3	23-115				
Pyrene	0.617	0.0416	"	0.831		74.3	32-130				
Pyridine	0.507	0.166	"	0.831		61.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.18*		"	*1.66*		*71.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.22*		"	*1.66*		*73.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.758*		"	*0.831*		*91.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.600*		"	*0.831*		*72.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.39*		"	*1.66*		*83.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.707*		"	*0.831*		*85.1*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

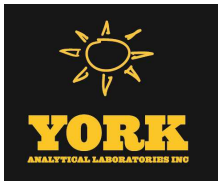
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
Matrix Spike (BE00153-MS1) Matrix Spike *Source sample: 20D0850-04 (SB12_0-2)								Prepared: 05/05/2020 Analyzed: 05/06/2020			
1,1-Biphenyl	0.583	0.462	mg/kg dry	0.922	ND	63.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.657	0.922	"	0.922	ND	71.2	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.631	0.462	"	0.922	ND	68.4	10-144				
2,3,4,6-Tetrachlorophenol	ND	0.922	"	0.922	ND		30-130	Low Bias			
2,4,5-Trichlorophenol	0.406	0.462	"	0.922	ND	44.0	10-127				
2,4,6-Trichlorophenol	0.284	0.462	"	0.922	ND	30.8	10-132				
2,4-Dichlorophenol	0.546	0.462	"	0.922	ND	59.2	10-128				
2,4-Dimethylphenol	0.513	0.462	"	0.922	ND	55.6	10-137				
2,4-Dinitrophenol	ND	0.922	"	0.922	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.465	0.462	"	0.922	ND	50.4	16-135				
2,6-Dinitrotoluene	0.598	0.462	"	0.922	ND	64.8	18-131				
2-Chloronaphthalene	0.572	0.462	"	0.922	ND	62.0	10-129				
2-Chlorophenol	0.505	0.462	"	0.922	ND	54.8	15-116				
2-Methylnaphthalene	0.609	0.462	"	0.922	ND	66.0	10-147				
2-Methylphenol	0.443	0.462	"	0.922	ND	48.0	10-136				
2-Nitroaniline	0.852	0.922	"	0.922	ND	92.4	10-137				
2-Nitrophenol	0.528	0.462	"	0.922	ND	57.2	10-129				
3- & 4-Methylphenols	0.376	0.462	"	0.922	ND	40.8	10-123				
3,3-Dichlorobenzidine	0.638	0.462	"	0.922	ND	69.2	10-155				
3-Nitroaniline	0.804	0.922	"	0.922	ND	87.2	12-133				
4,6-Dinitro-2-methylphenol	ND	0.922	"	0.922	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.579	0.462	"	0.922	ND	62.8	14-128				
4-Chloro-3-methylphenol	0.609	0.462	"	0.922	ND	66.0	10-134				
4-Chloroaniline	0.421	0.462	"	0.922	ND	45.6	10-145				
4-Chlorophenyl phenyl ether	0.576	0.462	"	0.922	ND	62.4	14-130				
4-Nitroaniline	0.856	0.922	"	0.922	ND	92.8	10-147				
4-Nitrophenol	ND	0.922	"	0.922	ND		10-137	Low Bias			
Acenaphthene	0.638	0.462	"	0.922	ND	69.2	10-146				
Acenaphthylene	0.708	0.462	"	0.922	ND	76.8	10-134				
Acetophenone	0.498	0.462	"	0.922	ND	54.0	10-116				
Aniline	ND	1.85	"	0.922	ND		10-123	Low Bias			
Anthracene	1.31	0.462	"	0.922	0.274	113	10-142				
Atrazine	0.631	0.462	"	0.922	ND	68.4	19-115				
Benzaldehyde	0.601	0.462	"	0.922	ND	65.2	10-125				
Benzo(a)anthracene	1.30	0.462	"	0.922	0.815	52.5	10-158				
Benzo(a)pyrene	1.35	0.462	"	0.922	0.743	65.9	10-180				
Benzo(b)fluoranthene	1.34	0.462	"	0.922	0.642	75.2	10-200				
Benzo(g,h,i)perylene	0.992	0.462	"	0.922	0.483	55.2	10-138				
Benzo(k)fluoranthene	1.08	0.462	"	0.922	0.559	56.2	10-197				
Benzoic acid	ND	0.462	"	0.922	ND		10-166	Low Bias			
Benzyl alcohol	0.524	0.462	"	0.922	ND	56.8	12-124				
Benzyl butyl phthalate	0.682	0.462	"	0.922	ND	74.0	10-154				
Bis(2-chloroethoxy)methane	0.491	0.462	"	0.922	ND	53.2	10-132				
Bis(2-chloroethyl)ether	0.483	0.462	"	0.922	ND	52.4	10-119				
Bis(2-chloroisopropyl)ether	0.564	0.462	"	0.922	ND	61.2	10-139				
Bis(2-ethylhexyl)phthalate	0.671	0.462	"	0.922	ND	72.8	10-167				
Caprolactam	0.487	0.922	"	0.922	ND	52.8	10-132				
Carbazole	0.679	0.462	"	0.922	ND	73.6	10-167				
Chrysene	1.29	0.462	"	0.922	0.739	59.9	10-156				
Dibenzo(a,h)anthracene	0.837	0.462	"	0.922	ND	90.8	10-137				
Dibenzofuran	0.653	0.462	"	0.922	ND	70.8	10-147				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
Matrix Spike (BE00153-MS1) Matrix Spike *Source sample: 20D0850-04 (SB12_0-2)								Prepared: 05/05/2020 Analyzed: 05/06/2020			
Diethyl phthalate	0.531	0.462	mg/kg dry	0.922	ND	57.6	20-120				
Dimethyl phthalate	0.539	0.462	"	0.922	ND	58.4	18-131				
Di-n-butyl phthalate	0.753	0.462	"	0.922	ND	81.6	10-137				
Di-n-octyl phthalate	0.760	0.462	"	0.922	ND	82.4	10-180				
Diphenylamine	0.778	0.922	"	0.922	ND	84.4	40-140				
Fluoranthene	2.01	0.462	"	0.922	1.67	36.6	10-160				
Fluorene	0.646	0.462	"	0.922	ND	70.0	10-157				
Hexachlorobenzene	0.749	0.462	"	0.922	ND	81.2	10-137				
Hexachlorobutadiene	0.494	0.462	"	0.922	ND	53.6	10-132				
Hexachlorocyclopentadiene	ND	0.462	"	0.922	ND		10-106	Low Bias			
Hexachloroethane	0.328	0.462	"	0.922	ND	35.6	10-110				
Indeno(1,2,3-cd)pyrene	1.03	0.462	"	0.922	0.415	66.6	10-144				
Isophorone	0.524	0.462	"	0.922	ND	56.8	10-132				
Naphthalene	0.605	0.462	"	0.922	ND	65.6	10-141				
Nitrobenzene	0.509	0.462	"	0.922	ND	55.2	10-131				
N-Nitrosodimethylamine	0.443	0.462	"	0.922	ND	48.0	10-126				
N-nitroso-di-n-propylamine	0.450	0.462	"	0.922	ND	48.8	10-125				
N-Nitrosodiphenylamine	0.896	0.462	"	0.922	ND	97.2	10-177				
Pentachlorophenol	ND	0.462	"	0.922	ND		10-153	Low Bias			
Phenanthrene	1.36	0.462	"	0.922	1.03	35.4	10-148				
Phenol	0.546	0.462	"	0.922	ND	59.2	10-126				
Pyrene	1.90	0.462	"	0.922	1.51	42.2	10-165				
Pyridine	ND	1.85	"	0.922	ND		10-83	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.989*		"	*1.84*		*53.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.06*		"	*1.84*		*57.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.623*		"	*0.922*		*67.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.539*		"	*0.922*		*58.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.819*		"	*1.84*		*44.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.712*		"	*0.922*		*77.2*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
Matrix Spike Dup (BE00153-M Matrix Spike Dup	*Source sample: 20D0850-04 (SB12_0-2)								Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,1-Biphenyl	0.550	0.462	mg/kg dry	0.922	ND	59.6	10-130		5.86	30	
1,2,4,5-Tetrachlorobenzene	0.627	0.922	"	0.922	ND	68.0	10-133		4.60	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.635	0.462	"	0.922	ND	68.8	10-144		0.583	30	
2,3,4,6-Tetrachlorophenol	ND	0.922	"	0.922	ND		30-130	Low Bias		30	
2,4,5-Trichlorophenol	0.409	0.462	"	0.922	ND	44.4	10-127		0.905	30	
2,4,6-Trichlorophenol	0.255	0.462	"	0.922	ND	27.6	10-132		11.0	30	
2,4-Dichlorophenol	0.417	0.462	"	0.922	ND	45.2	10-128		26.8	30	
2,4-Dimethylphenol	0.450	0.462	"	0.922	ND	48.8	10-137		13.0	30	
2,4-Dinitrophenol	ND	0.922	"	0.922	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.395	0.462	"	0.922	ND	42.8	16-135		16.3	30	
2,6-Dinitrotoluene	0.513	0.462	"	0.922	ND	55.6	18-131		15.3	30	
2-Chloronaphthalene	0.561	0.462	"	0.922	ND	60.8	10-129		1.95	30	
2-Chlorophenol	0.535	0.462	"	0.922	ND	58.0	15-116		5.67	30	
2-Methylnaphthalene	0.583	0.462	"	0.922	ND	63.2	10-147		4.33	30	
2-Methylphenol	0.476	0.462	"	0.922	ND	51.6	10-136		7.23	30	
2-Nitroaniline	0.885	0.922	"	0.922	ND	96.0	10-137		3.82	30	
2-Nitrophenol	0.439	0.462	"	0.922	ND	47.6	10-129		18.3	30	
3- & 4-Methylphenols	0.409	0.462	"	0.922	ND	44.4	10-123		8.45	30	
3,3-Dichlorobenzidine	ND	0.462	"	0.922	ND		10-155	Low Bias		30	
3-Nitroaniline	0.786	0.922	"	0.922	ND	85.2	12-133		2.32	30	
4,6-Dinitro-2-methylphenol	ND	0.922	"	0.922	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.568	0.462	"	0.922	ND	61.6	14-128		1.93	30	
4-Chloro-3-methylphenol	0.620	0.462	"	0.922	ND	67.2	10-134		1.80	30	
4-Chloroaniline	0.413	0.462	"	0.922	ND	44.8	10-145		1.77	30	
4-Chlorophenyl phenyl ether	0.594	0.462	"	0.922	ND	64.4	14-130		3.15	30	
4-Nitroaniline	0.900	0.922	"	0.922	ND	97.6	10-147		5.04	30	
4-Nitrophenol	ND	0.922	"	0.922	ND		10-137	Low Bias		30	
Acenaphthene	0.587	0.462	"	0.922	ND	63.6	10-146		8.43	30	
Acenaphthylene	0.708	0.462	"	0.922	ND	76.8	10-134		0.00	30	
Acetophenone	0.491	0.462	"	0.922	ND	53.2	10-116		1.49	30	
Aniline	ND	1.85	"	0.922	ND		10-123	Low Bias		30	
Anthracene	1.35	0.462	"	0.922	0.274	117	10-142		2.77	30	
Atrazine	0.612	0.462	"	0.922	ND	66.4	19-115		2.97	30	
Benzaldehyde	0.539	0.462	"	0.922	ND	58.4	10-125		11.0	30	
Benzo(a)anthracene	1.27	0.462	"	0.922	0.815	49.7	10-158		2.01	30	
Benzo(a)pyrene	1.27	0.462	"	0.922	0.743	56.7	10-180		6.49	30	
Benzo(b)fluoranthene	1.23	0.462	"	0.922	0.642	64.0	10-200		8.05	30	
Benzo(g,h,i)perylene	1.06	0.462	"	0.922	0.483	62.4	10-138		6.47	30	
Benzo(k)fluoranthene	1.16	0.462	"	0.922	0.559	65.0	10-197		7.26	30	
Benzoic acid	ND	0.462	"	0.922	ND		10-166	Low Bias		30	
Benzyl alcohol	0.487	0.462	"	0.922	ND	52.8	12-124		7.30	30	
Benzyl butyl phthalate	0.686	0.462	"	0.922	ND	74.4	10-154		0.539	30	
Bis(2-chloroethoxy)methane	0.480	0.462	"	0.922	ND	52.0	10-132		2.28	30	
Bis(2-chloroethyl)ether	0.491	0.462	"	0.922	ND	53.2	10-119		1.52	30	
Bis(2-chloroisopropyl)ether	0.528	0.462	"	0.922	ND	57.2	10-139		6.76	30	
Bis(2-ethylhexyl)phthalate	0.734	0.462	"	0.922	ND	79.6	10-167		8.92	30	
Caprolactam	ND	0.922	"	0.922	ND		10-132	Low Bias		30	
Carbazole	0.664	0.462	"	0.922	ND	72.0	10-167		2.20	30	
Chrysene	1.27	0.462	"	0.922	0.739	57.5	10-156		1.73	30	
Dibenzo(a,h)anthracene	0.797	0.462	"	0.922	ND	86.4	10-137		4.97	30	
Dibenzofuran	0.620	0.462	"	0.922	ND	67.2	10-147		5.22	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
Matrix Spike Dup (BE00153-M Matrix Spike Dup *Source sample: 20D0850-04 (SB12_0-2)									Prepared: 05/05/2020 Analyzed: 05/06/2020		
Diethyl phthalate	0.587	0.462	mg/kg dry	0.922	ND	63.6	20-120		9.90	30	
Dimethyl phthalate	0.561	0.462	"	0.922	ND	60.8	18-131		4.03	30	
Di-n-butyl phthalate	0.653	0.462	"	0.922	ND	70.8	10-137		14.2	30	
Di-n-octyl phthalate	0.778	0.462	"	0.922	ND	84.4	10-180		2.40	30	
Diphenylamine	0.801	0.922	"	0.922	ND	86.8	40-140		2.80	30	
Fluoranthene	1.92	0.462	"	0.922	1.67	27.0	10-160		4.51	30	
Fluorene	0.694	0.462	"	0.922	ND	75.2	10-157		7.16	30	
Hexachlorobenzene	0.727	0.462	"	0.922	ND	78.8	10-137		3.00	30	
Hexachlorobutadiene	0.498	0.462	"	0.922	ND	54.0	10-132		0.743	30	
Hexachlorocyclopentadiene	ND	0.462	"	0.922	ND		10-106	Low Bias		30	
Hexachloroethane	0.314	0.462	"	0.922	ND	34.0	10-110		4.60	30	
Indeno(1,2,3-cd)pyrene	1.04	0.462	"	0.922	0.415	67.8	10-144		1.07	30	
Isophorone	0.487	0.462	"	0.922	ND	52.8	10-132		7.30	30	
Naphthalene	0.587	0.462	"	0.922	ND	63.6	10-141		3.10	30	
Nitrobenzene	0.520	0.462	"	0.922	ND	56.4	10-131		2.15	30	
N-Nitrosodimethylamine	0.373	0.462	"	0.922	ND	40.4	10-126		17.2	30	
N-nitroso-di-n-propylamine	0.480	0.462	"	0.922	ND	52.0	10-125		6.35	30	
N-Nitrosodiphenylamine	0.775	0.462	"	0.922	ND	84.0	10-177		14.6	30	
Pentachlorophenol	ND	0.462	"	0.922	ND		10-153	Low Bias		30	
Phenanthrene	1.39	0.462	"	0.922	1.03	39.4	10-148		2.68	30	
Phenol	0.561	0.462	"	0.922	ND	60.8	10-126		2.67	30	
Pyrene	1.93	0.462	"	0.922	1.51	45.0	10-165		1.35	30	
Pyridine	ND	1.85	"	0.922	ND		10-83	Low Bias		30	
Surrogate: SURR: 2-Fluorophenol	*0.893*		"	*1.84*		*48.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.06*		"	*1.84*		*57.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.572*		"	*0.922*		*62.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.557*		"	*0.922*		*60.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.701*		"	*1.84*		*38.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.734*		"	*0.922*		*79.6*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00100 - EPA 3550C											
Blank (BE00100-BLK1) Blank									Prepared: 05/04/2020 Analyzed: 05/05/2020		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0568*		*"*	*0.0664*		*85.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0588*		*"*	*0.0664*		*88.4*	*30-150*				
LCS (BE00100-BS1) LCS									Prepared: 05/04/2020 Analyzed: 05/05/2020		
4,4'-DDD	0.0340	0.00164	mg/kg wet	0.0332		102	40-140				
4,4'-DDE	0.0334	0.00164	"	0.0332		100	40-140				
4,4'-DDT	0.0330	0.00164	"	0.0332		99.3	40-140				
Aldrin	0.0357	0.00164	"	0.0332		107	40-140				
alpha-BHC	0.0329	0.00164	"	0.0332		99.1	40-140				
alpha-Chlordane	0.0343	0.00164	"	0.0332		103	40-140				
beta-BHC	0.0329	0.00164	"	0.0332		99.2	40-140				
delta-BHC	0.0355	0.00164	"	0.0332		107	40-140				
Dieldrin	0.0348	0.00164	"	0.0332		105	40-140				
Endosulfan I	0.0349	0.00164	"	0.0332		105	40-140				
Endosulfan II	0.0342	0.00164	"	0.0332		103	40-140				
Endosulfan sulfate	0.0385	0.00164	"	0.0332		116	40-140				
Endrin	0.0354	0.00164	"	0.0332		107	40-140				
Endrin aldehyde	0.0366	0.00164	"	0.0332		110	40-140				
Endrin ketone	0.0357	0.00164	"	0.0332		108	40-140				
gamma-BHC (Lindane)	0.0346	0.00164	"	0.0332		104	40-140				
gamma-Chlordane	0.0337	0.00164	"	0.0332		101	40-140				
Heptachlor	0.0355	0.00164	"	0.0332		107	40-140				
Heptachlor epoxide	0.0351	0.00164	"	0.0332		106	40-140				
Methoxychlor	0.0353	0.00164	"	0.0332		106	40-140				
Surrogate: Decachlorobiphenyl	*0.0557*		*"*	*0.0664*		*83.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0578*		*"*	*0.0664*		*87.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00100 - EPA 3550C											
Matrix Spike (BE00100-MS1) Matrix Spike	*Source sample: 20D0850-04 (SB12_0-2)								Prepared: 05/04/2020 Analyzed: 05/06/2020		
4,4'-DDD	0.0312	0.00183	mg/kg dry	0.0369	ND	84.5	30-150				
4,4'-DDE	0.0368	0.00183	"	0.0369	0.00686	81.3	30-150				
4,4'-DDT	0.0323	0.00183	"	0.0369	ND	87.7	30-150				
Aldrin	0.0252	0.00183	"	0.0369	ND	68.4	30-150				
alpha-BHC	0.0271	0.00183	"	0.0369	ND	73.4	30-150				
alpha-Chlordane	0.0437	0.00183	"	0.0369	0.0182	69.1	30-150				
beta-BHC	0.0240	0.00183	"	0.0369	ND	65.1	30-150				
delta-BHC	0.0267	0.00183	"	0.0369	ND	72.4	30-150				
Dieldrin	0.0392	0.00183	"	0.0369	ND	106	30-150				
Endosulfan I	0.0283	0.00183	"	0.0369	ND	76.7	30-150				
Endosulfan II	0.0341	0.00183	"	0.0369	ND	92.5	30-150				
Endosulfan sulfate	0.0297	0.00183	"	0.0369	ND	80.6	30-150				
Endrin	0.0305	0.00183	"	0.0369	ND	82.7	30-150				
Endrin aldehyde	0.0251	0.00183	"	0.0369	ND	68.1	30-150				
Endrin ketone	0.0299	0.00183	"	0.0369	ND	81.2	30-150				
gamma-BHC (Lindane)	0.0278	0.00183	"	0.0369	ND	75.3	30-150				
gamma-Chlordane	0.0393	0.00183	"	0.0369	0.0140	68.6	30-150				
Heptachlor	0.0286	0.00183	"	0.0369	ND	77.4	30-150				
Heptachlor epoxide	0.0313	0.00183	"	0.0369	ND	84.7	30-150				
Methoxychlor	0.0303	0.00183	"	0.0369	ND	82.0	30-150				
Surrogate: Decachlorobiphenyl	*0.0378*		*"*	*0.0738*		*51.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0369*		*"*	*0.0738*		*50.0*	*30-150*				
Matrix Spike Dup (BE00100-M Matrix Spike Dup	*Source sample: 20D0850-04 (SB12_0-2)								Prepared: 05/04/2020 Analyzed: 05/06/2020		
4,4'-DDD	0.0298	0.00183	mg/kg dry	0.0369	ND	80.7	30-150		4.64	30	
4,4'-DDE	0.0357	0.00183	"	0.0369	0.00686	78.1	30-150		3.20	30	
4,4'-DDT	0.0324	0.00183	"	0.0369	ND	87.9	30-150		0.302	30	
Aldrin	0.0256	0.00183	"	0.0369	ND	69.4	30-150		1.50	30	
alpha-BHC	0.0261	0.00183	"	0.0369	ND	70.9	30-150		3.48	30	
alpha-Chlordane	0.0416	0.00183	"	0.0369	0.0182	63.3	30-150		4.99	30	
beta-BHC	0.0276	0.00183	"	0.0369	ND	74.7	30-150		13.8	30	
delta-BHC	0.0277	0.00183	"	0.0369	ND	75.0	30-150		3.53	30	
Dieldrin	0.0289	0.00183	"	0.0369	ND	78.4	30-150		30.0	30	
Endosulfan I	0.0267	0.00183	"	0.0369	ND	72.5	30-150		5.64	30	
Endosulfan II	0.0331	0.00183	"	0.0369	ND	89.8	30-150		2.92	30	
Endosulfan sulfate	0.0292	0.00183	"	0.0369	ND	79.1	30-150		1.87	30	
Endrin	0.0304	0.00183	"	0.0369	ND	82.5	30-150		0.169	30	
Endrin aldehyde	0.0241	0.00183	"	0.0369	ND	65.4	30-150		4.11	30	
Endrin ketone	0.0287	0.00183	"	0.0369	ND	77.8	30-150		4.24	30	
gamma-BHC (Lindane)	0.0281	0.00183	"	0.0369	ND	76.1	30-150		1.16	30	
gamma-Chlordane	0.0370	0.00183	"	0.0369	0.0140	62.2	30-150		6.23	30	
Heptachlor	0.0293	0.00183	"	0.0369	ND	79.3	30-150		2.46	30	
Heptachlor epoxide	0.0304	0.00183	"	0.0369	ND	82.3	30-150		2.89	30	
Methoxychlor	0.0300	0.00183	"	0.0369	ND	81.3	30-150		0.931	30	
Surrogate: Decachlorobiphenyl	*0.0379*		*"*	*0.0738*		*51.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0386*		*"*	*0.0738*		*52.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00103 - EPA SW846-3510C Low Level											
Blank (BE00103-BLK1) Blank									Prepared: 05/04/2020 Analyzed: 05/06/2020		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Tetrachloro-m-xylene	*0.207*		*"*	*0.200*		*104*	*30-150*				
LCS (BE00103-BS1) LCS									Prepared: 05/04/2020 Analyzed: 05/06/2020		
4,4'-DDD	0.113	0.00400	ug/L	0.100		113	40-140				
4,4'-DDE	0.119	0.00400	"	0.100		119	40-140				
4,4'-DDT	0.127	0.00400	"	0.100		127	40-140				
Aldrin	0.0953	0.00400	"	0.100		95.3	40-140				
alpha-BHC	0.0990	0.00400	"	0.100		99.0	40-140				
alpha-Chlordane	0.0989	0.00400	"	0.100		98.9	40-140				
beta-BHC	0.110	0.00400	"	0.100		110	40-140				
delta-BHC	0.121	0.00400	"	0.100		121	40-140				
Dieldrin	0.112	0.00200	"	0.100		112	40-140				
Endosulfan I	0.105	0.00400	"	0.100		105	40-140				
Endosulfan II	0.107	0.00400	"	0.100		107	40-140				
Endosulfan sulfate	0.127	0.00400	"	0.100		127	40-140				
Endrin	0.115	0.00400	"	0.100		115	40-140				
Endrin aldehyde	0.115	0.0100	"	0.100		115	40-140				
Endrin ketone	0.112	0.0100	"	0.100		112	40-140				
gamma-BHC (Lindane)	0.105	0.00400	"	0.100		105	40-140				
gamma-Chlordane	0.100	0.0100	"	0.100		100	40-140				
Heptachlor	0.114	0.00400	"	0.100		114	40-140				
Heptachlor epoxide	0.107	0.00400	"	0.100		107	40-140				
Methoxychlor	0.116	0.00400	"	0.100		116	40-140				
Surrogate: Tetrachloro-m-xylene	*0.201*		*"*	*0.200*		*101*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00103 - EPA SW846-3510C Low Level											
LCS Dup (BE00103-BSD1) LCS Dup								Prepared: 05/04/2020 Analyzed: 05/06/2020			
4,4'-DDD	0.100	0.00400	ug/L	0.100		100	40-140		11.7	20	
4,4'-DDE	0.106	0.00400	"	0.100		106	40-140		11.4	20	
4,4'-DDT	0.112	0.00400	"	0.100		112	40-140		12.7	20	
Aldrin	0.0880	0.00400	"	0.100		88.0	40-140		8.02	20	
alpha-BHC	0.0891	0.00400	"	0.100		89.1	40-140		10.5	20	
alpha-Chlordane	0.0907	0.00400	"	0.100		90.7	40-140		8.66	20	
beta-BHC	0.0980	0.00400	"	0.100		98.0	40-140		11.7	20	
delta-BHC	0.109	0.00400	"	0.100		109	40-140		10.3	20	
Dieldrin	0.100	0.00200	"	0.100		100	40-140		11.1	20	
Endosulfan I	0.0952	0.00400	"	0.100		95.2	40-140		9.86	20	
Endosulfan II	0.100	0.00400	"	0.100		100	40-140		6.80	20	
Endosulfan sulfate	0.111	0.00400	"	0.100		111	40-140		13.6	20	
Endrin	0.103	0.00400	"	0.100		103	40-140		11.1	20	
Endrin aldehyde	0.103	0.0100	"	0.100		103	40-140		11.0	20	
Endrin ketone	0.102	0.0100	"	0.100		102	40-140		9.58	20	
gamma-BHC (Lindane)	0.0952	0.00400	"	0.100		95.2	40-140		10.2	20	
gamma-Chlordane	0.0924	0.0100	"	0.100		92.4	40-140		7.97	20	
Heptachlor	0.103	0.00400	"	0.100		103	40-140		9.71	20	
Heptachlor epoxide	0.0973	0.00400	"	0.100		97.3	40-140		9.84	20	
Methoxychlor	0.102	0.00400	"	0.100		102	40-140		13.2	20	
Surrogate: Tetrachloro-m-xylene	*0.189*		*"*	*0.200*		*94.4*	*30-150*				
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-P Performance Mix								Prepared & Analyzed: 03/08/2020			
4,4'-DDD	4.80		ng/mL	0.00			0-200				
4,4'-DDE	0.964		"	0.00			0-200				
4,4'-DDT	206		"	200		103	0-200				
Endrin	98.0		"	100		98.0	0-200				
Endrin aldehyde	0.511		"	0.00			0-200				
Endrin ketone	3.00		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0E0606 - BD01095											
Performance Mix (Y0E0606-P Performance Mix										Prepared & Analyzed: 05/05/2020	
4,4'-DDD	5.50		ng/mL	0.00			0-200				
4,4'-DDE	0.980		"	0.00			0-200				
4,4'-DDT	211		"	200		106	0-200				
Endrin	106		"	100		106	0-200				
Endrin aldehyde	1.08		"	0.00			0-200				
Endrin ketone	2.69		"	0.00			0-200				
Batch Y0E0707 - BC00853											
Performance Mix (Y0E0707-P Performance Mix										Prepared & Analyzed: 05/06/2020	
4,4'-DDD	6.02		ng/mL	0.00			0-200				
4,4'-DDE	1.22		"	0.00			0-200				
4,4'-DDT	199		"	200		99.6	0-200				
Endrin	103		"	100		103	0-200				
Endrin aldehyde	1.07		"	0.00			0-200				
Endrin ketone	2.83		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00100 - EPA 3550C											
Blank (BE00100-BLK2) Blank										Prepared: 05/04/2020 Analyzed: 05/05/2020	
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0505*		*"*	*0.0664*		*76.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0485*		*"*	*0.0664*		*73.0*	*30-150*				
LCS (BE00100-BS2) LCS										Prepared: 05/04/2020 Analyzed: 05/05/2020	
Aroclor 1016	0.273	0.0166	mg/kg wet	0.332		82.2	40-140			30	
Aroclor 1260	0.306	0.0166	"	0.332		92.1	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0505*		*"*	*0.0664*		*76.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0439*		*"*	*0.0664*		*66.0*	*30-150*				
Matrix Spike (BE00100-MS2) Matrix Spike *Source sample: 20D0850-04 (SB12_0-2)										Prepared: 05/04/2020 Analyzed: 05/05/2020	
Aroclor 1016	0.187	0.0184	mg/kg dry	0.369	ND	50.6	40-140			30	
Aroclor 1260	0.398	0.0184	"	0.369	0.203	52.9	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0476*		*"*	*0.0738*		*64.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0384*		*"*	*0.0738*		*52.0*	*30-150*				
Matrix Spike Dup (BE00100-M Matrix Spike Dup *Source sample: 20D0850-04 (SB12_0-2)										Prepared: 05/04/2020 Analyzed: 05/05/2020	
Aroclor 1016	0.156	0.0184	mg/kg dry	0.369	ND	42.3	40-140		18.0	30	
Aroclor 1260	0.360	0.0184	"	0.369	0.203	42.7	40-140		9.92	30	
Surrogate: Tetrachloro-m-xylene	*0.0476*		*"*	*0.0738*		*64.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0365*		*"*	*0.0738*		*49.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00103 - EPA SW846-3510C Low Level											
Blank (BE00103-BLK2) Blank								Prepared: 05/04/2020 Analyzed: 05/05/2020			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1262	ND	0.0500	"								
Aroclor 1268	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.171*		*"*	*0.200*		*85.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.176*		*"*	*0.200*		*88.0*	*30-120*				
LCS (BE00103-BS2) LCS								Prepared: 05/04/2020 Analyzed: 05/05/2020			
Aroclor 1016	1.10	0.0500	ug/L	1.00		110	40-120				
Aroclor 1260	1.16	0.0500	"	1.00		116	40-120				
Surrogate: Tetrachloro-m-xylene	*0.175*		*"*	*0.200*		*87.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.169*		*"*	*0.200*		*84.5*	*30-120*				
LCS Dup (BE00103-BSD2) LCS Dup								Prepared: 05/04/2020 Analyzed: 05/05/2020			
Aroclor 1016	1.14	0.0500	ug/L	1.00		114	40-120		3.81	30	
Aroclor 1260	1.26	0.0500	"	1.00		126	40-120	High Bias	8.72	30	
Surrogate: Tetrachloro-m-xylene	*0.173*		*"*	*0.200*		*86.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.202*		*"*	*0.200*		*101*	*30-120*				
Batch BE00119 - EPA 3550C											
Blank (BE00119-BLK2) Blank								Prepared & Analyzed: 05/05/2020			
Aroclor 1016	ND	0.0165	mg/kg wet								
Aroclor 1221	ND	0.0165	"								
Aroclor 1232	ND	0.0165	"								
Aroclor 1242	ND	0.0165	"								
Aroclor 1248	ND	0.0165	"								
Aroclor 1254	ND	0.0165	"								
Aroclor 1260	ND	0.0165	"								
Total PCBs	ND	0.0165	"								
Surrogate: Tetrachloro-m-xylene	*0.0546*		*"*	*0.0662*		*82.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0520*		*"*	*0.0662*		*78.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00119 - EPA 3550C											
LCS (BE00119-BS2) LCS							Prepared & Analyzed: 05/05/2020				
Aroclor 1016	0.259	0.0165	mg/kg wet	0.331		78.1	40-140			30	
Aroclor 1260	0.251	0.0165	"	0.331		75.7	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0563*		*"*	*0.0662*		*85.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0424*		*"*	*0.0662*		*64.0*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00169 - EPA 3550C/8151A											
Blank (BE00169-BLK1) Blank								Prepared & Analyzed: 05/06/2020			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.538*		*"*	*0.498*		*108*	*21-150*				
LCS (BE00169-BS1) LCS								Prepared & Analyzed: 05/06/2020			
2,4,5-T	0.121	0.0199	mg/kg wet	0.159		75.6	10-120				
2,4,5-TP (Silvex)	0.140	0.0199	"	0.159		88.1	10-120				
2,4-D	0.134	0.0199	"	0.159		84.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.523*		*"*	*0.498*		*105*	*21-150*				
Matrix Spike (BE00169-MS1) Matrix Spike *Source sample: 20D0850-04 (SB12_0-2)								Prepared & Analyzed: 05/06/2020			
2,4,5-T	0.0586	0.0221	mg/kg dry	0.177	ND	33.1	10-120				
2,4,5-TP (Silvex)	0.0619	0.0221	"	0.177	ND	35.0	10-120				
2,4-D	0.0641	0.0221	"	0.177	ND	36.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.198*		*"*	*0.553*		*35.8*	*21-150*				
Matrix Spike Dup (BE00169-M Matrix Spike Dup *Source sample: 20D0850-04 (SB12_0-2)								Prepared & Analyzed: 05/06/2020			
2,4,5-T	0.0564	0.0221	mg/kg dry	0.177	ND	31.9	10-120		3.85	35	
2,4,5-TP (Silvex)	0.0597	0.0221	"	0.177	ND	33.8	10-120		3.64	35	
2,4-D	0.0630	0.0221	"	0.177	ND	35.6	10-118		1.74	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.192*		*"*	*0.553*		*34.8*	*21-150*				
Batch BE00183 - EPA 8151A											
Blank (BE00183-BLK1) Blank								Prepared & Analyzed: 05/06/2020			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*132*		*"*	*125*		*105*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00183 - EPA 8151A											
LCS (BE00183-BS1) LCS								Prepared & Analyzed: 05/06/2020			
2,4,5-T	29.8	5.00	ug/L	40.0		74.4	10-140				
2,4,5-TP (Silvex)	34.8	5.00	"	40.0		86.9	10-139				
2,4-D	33.2	5.00	"	40.0		83.1	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*130*		*"*	*125*		*104*	*30-150*				
LCS Dup (BE00183-BSD1) LCS Dup								Prepared & Analyzed: 05/06/2020			
2,4,5-T	30.0	5.00	ug/L	40.0		75.0	10-140		0.837	30	
2,4,5-TP (Silvex)	34.8	5.00	"	40.0		86.9	10-139		0.00	30	
2,4-D	33.2	5.00	"	40.0		83.1	10-140		0.00	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*132*		*"*	*125*		*106*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00016 - EPA 3050B											
Blank (BE00016-BLK1) Blank									Prepared: 05/01/2020 Analyzed: 05/05/2020		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BE00016-DUP1) Duplicate	*Source sample: 20D0850-04 (SB12_0-2)								Prepared: 05/01/2020 Analyzed: 05/05/2020		
Aluminum	5200	5.55	mg/kg dry		6350				19.8	35	
Antimony	ND	2.78	"		ND					35	
Arsenic	2.77	1.67	"		3.92				34.4	35	
Barium	62.3	2.78	"		59.9				3.85	35	
Beryllium	ND	0.056	"		ND					35	
Cadmium	ND	0.333	"		ND					35	
Calcium	20400	5.55	"		22300				8.88	35	
Chromium	20.3	0.555	"		22.2				9.09	35	
Cobalt	8.11	0.444	"		9.57				16.5	35	
Copper	32.6	2.22	"		31.9				1.99	35	
Iron	11600	27.8	"		13800				16.8	35	
Lead	115	0.555	"		115				0.199	35	
Magnesium	7890	5.55	"		7230				8.70	35	
Manganese	165	0.555	"		209				23.8	35	
Nickel	79.8	1.11	"		71.7				10.7	35	
Potassium	887	5.55	"		1070				18.7	35	
Selenium	ND	2.78	"		ND					35	
Silver	ND	0.555	"		ND					35	
Sodium	267	55.5	"		358				28.8	35	
Thallium	ND	2.78	"		ND					35	
Vanadium	23.4	1.11	"		29.8				24.3	35	
Zinc	106	2.78	"		107				1.27	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00016 - EPA 3050B											
Matrix Spike (BE00016-MS1) Matrix Spike	*Source sample: 20D0850-04 (SB12_0-2)							Prepared: 05/01/2020 Analyzed: 05/05/2020			
Aluminum	7580	5.55	mg/kg dry	222	6350	557	75-125	High Bias			
Antimony	5.35	2.78	"	27.8	ND	19.3	75-125	Low Bias			
Arsenic	218	1.67	"	222	3.92	96.4	75-125				
Barium	271	2.78	"	222	59.9	94.8	75-125				
Beryllium	2.74	0.056	"	5.55	ND	49.4	75-125	Low Bias			
Cadmium	5.48	0.333	"	5.55	ND	98.7	75-125				
Calcium	32800	5.55	"	111	22300	NR	75-125	High Bias			
Chromium	44.8	0.555	"	22.2	22.2	101	75-125				
Cobalt	62.6	0.444	"	55.5	9.57	95.5	75-125				
Copper	60.1	2.22	"	27.8	31.9	101	75-125				
Iron	14700	27.8	"	111	13800	870	75-125	High Bias			
Lead	136	0.555	"	55.5	115	37.3	75-125	Low Bias			
Magnesium	10400	5.55	"	111	7230	NR	75-125	High Bias			
Manganese	268	0.555	"	55.5	209	106	75-125				
Nickel	127	1.11	"	55.5	71.7	98.9	75-125				
Potassium	1280	5.55	"	111	1070	189	75-125	High Bias			
Selenium	188	2.78	"	222	ND	84.6	75-125				
Silver	2.34	0.555	"	5.55	ND	42.1	75-125	Low Bias			
Sodium	493	55.5	"	111	358	122	75-125				
Thallium	219	2.78	"	222	ND	98.6	75-125				
Vanadium	87.7	1.11	"	55.5	29.8	104	75-125				
Zinc	157	2.78	"	55.5	107	89.5	75-125				
Post Spike (BE00016-PS1) Post Spike	*Source sample: 20D0850-04 (SB12_0-2)							Prepared: 05/01/2020 Analyzed: 05/05/2020			
Aluminum	70.6		ug/mL	2.00	57.2	671	75-125	High Bias			
Antimony	0.240		"	0.250	-0.003	96.1	75-125				
Arsenic	2.00		"	2.00	0.035	98.3	75-125				
Barium	2.61		"	2.00	0.540	104	75-125				
Beryllium	0.020		"	0.0500	-0.023	39.2	75-125	Low Bias			
Cadmium	0.051		"	0.0500	0.002	97.9	75-125				
Calcium	235		"	1.00	201	NR	75-125	High Bias			
Chromium	0.428		"	0.200	0.200	114	75-125				
Cobalt	0.607		"	0.500	0.086	104	75-125				
Copper	0.590		"	0.250	0.287	121	75-125				
Iron	148		"	1.00	124	NR	75-125	High Bias			
Lead	1.64		"	0.500	1.03	121	75-125				
Magnesium	77.5		"	1.00	65.1	NR	75-125	High Bias			
Manganese	2.71		"	0.500	1.89	164	75-125	High Bias			
Nickel	1.25		"	0.500	0.645	122	75-125				
Potassium	12.4		"	1.00	9.64	273	75-125	High Bias			
Selenium	1.68		"	2.00	-0.053	84.2	75-125				
Silver	0.033		"	0.0500	-0.008	66.9	75-125	Low Bias			
Sodium	4.76		"	1.00	3.22	154	75-125	High Bias			
Thallium	1.98		"	2.00	-0.025	99.1	75-125				
Vanadium	0.798		"	0.500	0.269	106	75-125				
Zinc	1.57		"	0.500	0.964	121	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00016 - EPA 3050B											
Reference (BE00016-SRM1) Reference									Prepared: 05/01/2020 Analyzed: 05/05/2020		
Aluminum	8280	5.00	mg/kg wet	8360		99.0	50.2-149.5				
Antimony	43.7	2.50	"	89.6		48.8	19.3-258.9				
Arsenic	212	1.50	"	202		105	69.8-130.2				
Barium	288	2.50	"	270		107	75.2-125.2				
Beryllium	96.1	0.050	"	96.8		99.3	75-125				
Cadmium	143	0.300	"	141		101	74.5-124.8				
Calcium	4930	5.00	"	4700		105	72.6-127.7				
Chromium	170	0.500	"	167		102	70.1-129.9				
Cobalt	186	0.400	"	174		107	74.7-124.7				
Copper	117	2.00	"	108		108	74.7-124.1				
Iron	14100	25.0	"	14700		95.8	36.4-163.9				
Lead	77.0	0.500	"	73.8		104	68.4-131.6				
Magnesium	2370	5.00	"	2310		103	61.9-138.1				
Manganese	339	0.500	"	330		103	75.2-124.8				
Nickel	107	1.00	"	89.4		120	69.9-129.8				
Potassium	2170	5.00	"	2240		96.9	60.7-139.7				
Selenium	33.8	2.50	"	49.9		67.8	58.1-141.7				
Silver	72.5	0.500	"	71.1		102	70.7-129.3				
Sodium	210	50.0	"	195		108	45.5-154.4				
Thallium	61.0	2.50	"	58.5		104	60.9-139.3				
Vanadium	55.0	1.00	"	58.2		94.6	57.4-142.6				
Zinc	267	2.50	"	264		101	70.1-130.3				
Batch BE00033 - EPA 3015A											
Blank (BE00033-BLK1) Blank									Prepared: 05/01/2020 Analyzed: 05/04/2020		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00033 - EPA 3015A											
LCS (BE00033-BS1) LCS								Prepared: 05/01/2020 Analyzed: 05/04/2020			
Aluminum	1.94		ug/mL	2.00		96.8	80-120				
Barium	2.01		"	2.00		100	80-120				
Calcium	1.03		"	1.00		103	80-120				
Chromium	0.208		"	0.200		104	80-120				
Cobalt	0.519		"	0.500		104	80-120				
Copper	0.244		"	0.250		97.6	80-120				
Iron	0.993		"	1.00		99.3	80-120				
Lead	0.505		"	0.500		101	80-120				
Magnesium	0.975		"	1.00		97.5	80-120				
Manganese	0.499		"	0.500		99.7	80-120				
Nickel	0.492		"	0.500		98.4	80-120				
Potassium	0.862		"	1.00		86.2	80-120				
Silver	0.0222		"	0.0500		44.3	80-120	Low Bias			
Sodium	0.954		"	1.00		95.4	80-120				
Vanadium	0.485		"	0.500		96.9	80-120				
Zinc	0.510		"	0.500		102	80-120				
Duplicate (BE00033-DUP1) Duplicate	*Source sample: 20D0850-15 (GWFB01_043020)							Prepared: 05/01/2020 Analyzed: 05/04/2020			
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0278	"		ND					20	
Calcium	0.0996	0.0556	"		0.0582				52.5	20	Non-dir.
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	ND	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.0111	"		ND					20	
Potassium	ND	0.0556	"		ND					20	
Silver	ND	0.00556	"		ND					20	
Sodium	ND	0.556	"		ND					20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00033 - EPA 3015A											
Matrix Spike (BE00033-MS1) Matrix Spike	*Source sample: 20D0850-15 (GWFB01_043020)							Prepared: 05/01/2020 Analyzed: 05/04/2020			
Aluminum	2.16	0.0556	mg/L	2.22	ND	97.4	75-125				
Barium	2.20	0.0278	"	2.22	ND	99.0	75-125				
Calcium	1.15	0.0556	"	1.11	0.0582	98.4	75-125				
Chromium	0.219	0.00556	"	0.222	ND	98.4	75-125				
Cobalt	0.555	0.00444	"	0.556	ND	99.9	75-125				
Copper	0.271	0.0222	"	0.278	ND	97.5	75-125				
Iron	1.09	0.278	"	1.11	ND	98.1	75-125				
Lead	0.547	0.00556	"	0.556	ND	98.5	75-125				
Magnesium	1.08	0.0556	"	1.11	ND	96.8	75-125				
Manganese	0.547	0.00556	"	0.556	ND	98.5	75-125				
Nickel	0.538	0.0111	"	0.556	ND	96.8	75-125				
Potassium	0.956	0.0556	"	1.11	ND	86.1	75-125				
Silver	0.0217	0.00556	"	0.0556	ND	39.1	75-125	Low Bias			
Sodium	1.08	0.556	"	1.11	ND	97.2	75-125				
Vanadium	0.532	0.0111	"	0.556	ND	95.8	75-125				
Zinc	0.547	0.0278	"	0.556	ND	98.5	75-125				
Post Spike (BE00033-PS1) Post Spike	*Source sample: 20D0850-15 (GWFB01_043020)							Prepared: 05/01/2020 Analyzed: 05/04/2020			
Aluminum	2.02		ug/mL	2.00	0.00733	100	75-125				
Barium	2.07		"	2.00	0.0000732	103	75-125				
Calcium	1.10		"	1.00	0.0582	104	75-125				
Chromium	0.213		"	0.200	0.000409	106	75-125				
Cobalt	0.531		"	0.500	-0.00103	106	75-125				
Copper	0.252		"	0.250	0.000465	101	75-125				
Iron	1.05		"	1.00	0.00570	104	75-125				
Lead	0.502		"	0.500	-0.00219	100	75-125				
Magnesium	1.00		"	1.00	-0.0146	100	75-125				
Manganese	0.513		"	0.500	0.000232	102	75-125				
Nickel	0.511		"	0.500	-0.0128	102	75-125				
Potassium	0.924		"	1.00	0.00590	91.8	75-125				
Silver	0.0330		"	0.0500	-0.0120	66.0	75-125	Low Bias			
Sodium	1.03		"	1.00	0.0448	98.5	75-125				
Vanadium	0.494		"	0.500	-0.000527	98.8	75-125				
Zinc	0.521		"	0.500	0.00972	102	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00146 - EPA 3015A											
Blank (BE00146-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/07/2020		
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	0.0735	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BE00146-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/07/2020		
Aluminum - Dissolved	1.91		ug/mL	2.00		95.5	80-120				
Barium - Dissolved	1.97		"	2.00		98.6	80-120				
Calcium - Dissolved	0.962		"	1.00		96.2	80-120				
Chromium - Dissolved	0.196		"	0.200		97.9	80-120				
Cobalt - Dissolved	0.502		"	0.500		100	80-120				
Copper - Dissolved	0.246		"	0.250		98.5	80-120				
Iron - Dissolved	0.952		"	1.00		95.2	80-120				
Lead - Dissolved	0.488		"	0.500		97.6	80-120				
Magnesium - Dissolved	0.939		"	1.00		93.9	80-120				
Manganese - Dissolved	0.490		"	0.500		98.1	80-120				
Nickel - Dissolved	0.486		"	0.500		97.2	80-120				
Potassium - Dissolved	0.914		"	1.00		91.4	80-120				
Silver - Dissolved	0.0224		"	0.0500		44.8	80-120	Low Bias			
Sodium - Dissolved	1.00		"	1.00		100	80-120				
Vanadium - Dissolved	0.478		"	0.500		95.6	80-120				
Zinc - Dissolved	0.481		"	0.500		96.2	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00146 - EPA 3015A											
Duplicate (BE00146-DUP1) Duplicate	*Source sample: 20D0850-15 (GWFB01_043020)								Prepared: 05/05/2020 Analyzed: 05/07/2020		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	ND	0.0278	"		ND					20	
Calcium - Dissolved	ND	0.0556	"		ND					20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	ND	0.0556	"		ND					20	
Manganese - Dissolved	ND	0.00556	"		ND					20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	ND	0.0556	"		ND					20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	ND	0.556	"		ND					20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	
Matrix Spike (BE00146-MS1) Matrix Spike	*Source sample: 20D0850-15 (GWFB01_043020)								Prepared: 05/05/2020 Analyzed: 05/07/2020		
Barium - Dissolved	2.14	0.0278	mg/L	2.22	ND	96.4	75-125				
Chromium - Dissolved	0.212	0.00556	"	0.222	ND	95.6	75-125				
Cobalt - Dissolved	0.546	0.00444	"	0.556	ND	98.3	75-125				
Copper - Dissolved	0.267	0.0222	"	0.278	ND	96.2	75-125				
Iron - Dissolved	1.03	0.278	"	1.11	ND	93.1	75-125				
Lead - Dissolved	0.527	0.00556	"	0.556	ND	94.9	75-125				
Manganese - Dissolved	0.532	0.00556	"	0.556	ND	95.7	75-125				
Nickel - Dissolved	0.526	0.0111	"	0.556	ND	94.7	75-125				
Silver - Dissolved	0.0233	0.00556	"	0.0556	ND	41.9	75-125	Low Bias			
Vanadium - Dissolved	0.519	0.0111	"	0.556	ND	93.4	75-125				
Zinc - Dissolved	0.528	0.0278	"	0.556	ND	95.0	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00146 - EPA 3015A											
Post Spike (BE00146-PS1) Post Spike	*Source sample: 20D0850-15 (GWFB01_043020)							Prepared: 05/05/2020 Analyzed: 05/07/2020			
Aluminum - Dissolved	1.92		ug/mL	2.00	-0.00791	96.1	75-125				
Barium - Dissolved	1.93		"	2.00	0.000319	96.3	75-125				
Calcium - Dissolved	0.984		"	1.00	0.0268	95.7	75-125				
Chromium - Dissolved	0.191		"	0.200	0.000229	95.6	75-125				
Cobalt - Dissolved	0.490		"	0.500	-0.000308	97.9	75-125				
Copper - Dissolved	0.242		"	0.250	-0.000146	96.7	75-125				
Iron - Dissolved	0.964		"	1.00	-0.00342	96.4	75-125				
Lead - Dissolved	0.459		"	0.500	0.000729	91.6	75-125				
Magnesium - Dissolved	0.926		"	1.00	-0.00987	92.6	75-125				
Manganese - Dissolved	0.480		"	0.500	0.000339	95.9	75-125				
Nickel - Dissolved	0.474		"	0.500	-0.0104	94.8	75-125				
Potassium - Dissolved	0.937		"	1.00	0.00996	92.7	75-125				
Silver - Dissolved	0.0351		"	0.0500	-0.00925	70.2	75-125	Low Bias			
Sodium - Dissolved	1.00		"	1.00	0.0977	90.7	75-125				
Vanadium - Dissolved	0.469		"	0.500	-0.000563	93.9	75-125				
Zinc - Dissolved	0.484		"	0.500	0.00803	95.2	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00034 - EPA 3015A											
Blank (BE00034-BLK1) Blank										Prepared: 05/01/2020 Analyzed: 05/04/2020	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE00034-BS1) LCS										Prepared: 05/01/2020 Analyzed: 05/04/2020	
Antimony	48.0		ug/L	50.0		96.0	80-120				
Arsenic	47.1		"	50.0		94.3	80-120				
Beryllium	49.0		"	50.0		98.0	80-120				
Cadmium	47.8		"	50.0		95.6	80-120				
Selenium	43.9		"	50.0		87.8	80-120				
Thallium	50.0		"	50.0		100	80-120				
Duplicate (BE00034-DUP1) Duplicate *Source sample: 20D0850-15 (GWFB01_043020)										Prepared: 05/01/2020 Analyzed: 05/04/2020	
Antimony	ND	1.11	ug/L		ND						20
Arsenic	ND	1.11	"		ND						20
Beryllium	ND	0.333	"		ND						20
Cadmium	ND	0.556	"		ND						20
Selenium	ND	1.11	"		ND						20
Thallium	ND	1.11	"		ND						20
Matrix Spike (BE00034-MS1) Matrix Spike *Source sample: 20D0850-15 (GWFB01_043020)										Prepared: 05/01/2020 Analyzed: 05/04/2020	
Antimony	46.0		ug/L	50.0	-0.018	92.0	75-125				
Arsenic	45.6		"	50.0	0.088	91.0	75-125				
Beryllium	51.2		"	50.0	0.0006	102	75-125				
Cadmium	45.6		"	50.0	0.001	91.3	75-125				
Selenium	46.2		"	50.0	-0.172	92.4	75-125				
Thallium	47.0		"	50.0	0.013	94.0	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00147 - EPA 3015A											
Blank (BE00147-BLK1) Blank								Prepared & Analyzed: 05/05/2020			
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BE00147-BS1) LCS								Prepared & Analyzed: 05/05/2020			
Antimony - Dissolved	43.8		ug/L	50.0		87.6	80-120				
Arsenic - Dissolved	46.1		"	50.0		92.1	80-120				
Beryllium - Dissolved	47.7		"	50.0		95.4	80-120				
Cadmium - Dissolved	43.6		"	50.0		87.2	80-120				
Selenium - Dissolved	46.7		"	50.0		93.3	80-120				
Thallium - Dissolved	46.6		"	50.0		93.2	80-120				
Duplicate (BE00147-DUP1) Duplicate *Source sample: 20D0850-15 (GWFB01_043020)								Prepared & Analyzed: 05/05/2020			
Antimony - Dissolved	ND	1.11	ug/L		ND					20	
Arsenic - Dissolved	ND	1.11	"		ND					20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	ND	1.11	"		ND					20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BE00147-MS1) Matrix Spike *Source sample: 20D0850-15 (GWFB01_043020)								Prepared & Analyzed: 05/05/2020			
Antimony - Dissolved	43.1		ug/L	50.0	-0.029	86.2	75-125				
Arsenic - Dissolved	45.6		"	50.0	0.117	90.9	75-125				
Beryllium - Dissolved	47.4		"	50.0	0.00006	94.7	75-125				
Cadmium - Dissolved	41.8		"	50.0	0.004	83.5	75-125				
Selenium - Dissolved	43.5		"	50.0	0.835	85.4	75-125				
Thallium - Dissolved	45.3		"	50.0	0.014	90.7	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00017 - EPA 7473 soil												
Blank (BE00017-BLK1)	Blank								Prepared & Analyzed: 05/01/2020			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BE00017-DUP1)	Duplicate	*Source sample: 20D0850-04 (SB12_0-2)							Prepared & Analyzed: 05/01/2020			
Mercury		0.249	0.0333	mg/kg dry		0.238				4.70	35	
Matrix Spike (BE00017-MS1)	Matrix Spike	*Source sample: 20D0850-04 (SB12_0-2)							Prepared & Analyzed: 05/01/2020			
Mercury		0.777		mg/kg	0.500	0.214	113	75-125				
Reference (BE00017-SRM1)	Reference								Prepared & Analyzed: 05/01/2020			
Mercury		3.3217		mg/kg	3.71		89.5	65-135				
Batch BE00089 - EPA 7473 water												
Blank (BE00089-BLK1)	Blank								Prepared & Analyzed: 05/04/2020			
Mercury		ND	0.00020	mg/L								
Reference (BE00089-SRM1)	Reference								Prepared & Analyzed: 05/04/2020			
Mercury		0.0108		mg/L	0.0100		108	70-130				
Batch BE00162 - EPA 7473 water												
Blank (BE00162-BLK1)	Blank								Prepared & Analyzed: 05/05/2020			
Mercury - Dissolved		ND	0.0002000	mg/L								
Duplicate (BE00162-DUP1)	Duplicate	*Source sample: 20D0850-11 (MW06_043020)							Prepared & Analyzed: 05/05/2020			
Mercury - Dissolved		ND	0.0002000	mg/L		ND					20	

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00162 - EPA 7473 water											
Matrix Spike (BE00162-MS1) Matrix Spike	*Source sample: 20D0850-11 (MW06_043020)								Prepared & Analyzed: 05/05/2020		
Mercury - Dissolved	0.01127		mg/L	0.0100	0.0001557	111	75-125				
Reference (BE00162-SRM1) Reference									Prepared & Analyzed: 05/05/2020		
Mercury - Dissolved	0.01083		mg/L	0.0100		108	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD01339 - Analysis Preparation												
Blank (BD01339-BLK1)	Blank								Prepared & Analyzed: 04/30/2020			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BD01339-BS1)	LCS								Prepared & Analyzed: 04/30/2020			
Chromium, Hexavalent		0.532	0.0100	mg/L	0.500		106	80-120				
Duplicate (BD01339-DUP1)	Duplicate	*Source sample: 20D0850-15 (GWFB01_043020)							Prepared & Analyzed: 04/30/2020			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BD01339-MS1)	Matrix Spike	*Source sample: 20D0850-15 (GWFB01_043020)							Prepared & Analyzed: 04/30/2020			
Chromium, Hexavalent		0.533	0.0100	mg/L	0.500	ND	107	75-125				
Batch BE00011 - Analysis Preparation Soil												
Blank (BE00011-BLK1)	Blank								Prepared & Analyzed: 05/01/2020			
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BE00011-SRM1)	Reference								Prepared & Analyzed: 05/01/2020			
Cyanide, total		94.3		ug/mL	96.2		98.0	42.41-156.96				
Batch BE00014 - Analysis Preparation												
Blank (BE00014-BLK1)	Blank								Prepared & Analyzed: 05/01/2020			
Cyanide, total		ND	0.0100	mg/L								
Reference (BE00014-SRM1)	Reference								Prepared & Analyzed: 05/01/2020			
Cyanide, total		0.144	0.0100	mg/L	0.200		71.8	0-200				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00061 - EPA SW846-3060											
Blank (BE00061-BLK1) Blank								Prepared & Analyzed: 05/02/2020			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BE00061-DUP1) Duplicate	*Source sample: 20D0850-04 (SB12_0-2)							Prepared & Analyzed: 05/02/2020			
Chromium, Hexavalent	ND	0.555	mg/kg dry		ND					35	
Matrix Spike (BE00061-MS1) Matrix Spike	*Source sample: 20D0850-04 (SB12_0-2)							Prepared & Analyzed: 05/02/2020			
Chromium, Hexavalent	14.4	0.555	mg/kg dry	22.2	ND	65.0	75-125	Low Bias			
Reference (BE00061-SRM1) Reference								Prepared & Analyzed: 05/02/2020			
Chromium, Hexavalent	174		mg/L	124		140	33.06-167.74				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00013 - % Solids Prep											
Duplicate (BE00013-DUP1) Duplicate	*Source sample: 20D0850-04 (SB12_0-2)							Prepared & Analyzed: 05/01/2020			
% Solids	90.7	0.100	%		90.1				0.716	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20D0850-01	SB16_0-2	40mL Vial with Stir Bar-Cool 4° C
20D0850-02	SB16_14-16	40mL Vial with Stir Bar-Cool 4° C
20D0850-03	SB16_18-20	40mL Vial with Stir Bar-Cool 4° C
20D0850-04	SB12_0-2	40mL Vial with Stir Bar-Cool 4° C
20D0850-05	SB12_8-10	40mL Vial with Stir Bar-Cool 4° C
20D0850-06	SB12_18-20	40mL Vial with Stir Bar-Cool 4° C
20D0850-07	SB11_0-2	40mL Vial with Stir Bar-Cool 4° C
20D0850-08	SB11_10-12	40mL Vial with Stir Bar-Cool 4° C
20D0850-09	SB11_18-20	40mL Vial with Stir Bar-Cool 4° C
20D0850-10	SOFB02_043020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20D0850-11	MW06_043020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20D0850-12	MW08_043020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20D0850-13	MW05_043020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20D0850-14	GWDUP01_043020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20D0850-15	GWFB01_043020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20D0850-16	GWTB01_043020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2000850

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company:
Address: 300 West 31st Street New York NY 10001	Address:	Address:
Phone.: 2124795400	Phone.:	Phone.:
Contact: Kim Semon	Contact: Dina palazzolo	Contact:
E-mail: Ksemon@langan.com	E-mail: Dpalazzolo@langan.com	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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

Deirdre Casey

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

Deirdre Casey

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB16_0-2	S	4/30 0915	VOC SVOC PCB PEST herb metals (other than uranium) ~~PFAS 1,4-dioxane~~	A) 4oz, (1) 16oz, (1) 8oz, (5) 4oz
SB16_~~8-10~~ 14-16	S	4/30 0920		
SB16_18-20	S	4/30 0925		
SB12_0-2	S	4/30 1145		
SB12_8-10	S	4/30 1150		
SB12_18-20	S	4/30 1155		
MS-SOO1_043020	S	4/30 1145		
MSD-SOO1_043020	S	4/30 1145		
SB11_0-2	S	4/30 1440		
SB11_10-12	S	4/30 1445		

Comments: MS/MSD-SOO1-043020 parent sample = SB12_0-2

Preservation: (check all that apply) HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deirdre Casey Langan	4/30/20 1740	E Shifan	4/30/20	E Shifan	4/30/20 1938
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				K Blackman	4/30/20 1938 / 1.2 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2000850

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company:
Address: 360 west 31st Street New York NY 10001	Address:	Address:
Phone: 212 479 5400	Phone.:	Phone.:
Contact: Kimie Semon	Contact: Dina Palazzolo	Contact:
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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

Deirdre Casey

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

Deirdre Casey

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other: | | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB11_18-20	S	4/30 1450	VOC, SVOC, PCB, Pest, Herb, metals (+hex/trivalent cyanide	
SOFB02_043020	S QA/QC	4/30 1200	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	
MW06_043020	GW	4/30 1414	VOC SVOC PCB Pest Herb metals (+hex/trivalent cyanide	
MW08_043020	GW	4/30 1055	(filtered & unfiltered)	
MW05_043020	GW	4/30		
GWDUP01_043020	GW	4/30 —		
GWFB01_043020	QA/QC	4/30 1400		
GWTB01_043020	QA/QC	4/30 —		
SV04_043020	Air	4/30 1433	TO-15 (can ID - Y67, Start Time 1233 (-30 in Hg) & end time 1433 (-5.5 in Hg)	
SV07_043020	Air	430 1430	TO-15 (can ID - 23916, Start Time 1230 (-31.5 in Hg) & end time 1430 (-7.75 in Hg)	

Comments:

Preservation: (check all that apply)

HCl X MeOH X HNO_3 X H_2SO_4 X NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered X
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deirdre Casey Langan	4/30 1740	C Stryker	4/30/20	C Stryker	4/30/20 1938
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				A Blocker	4/30/20 1938 / 1.2 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/06/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0004

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

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

Report Date: 05/06/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0004

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 30, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20E0004-01	SV04_043020	Soil Vapor	04/30/2020	04/30/2020
20E0004-02	SV07_043020	Soil Vapor	04/30/2020	04/30/2020
20E0004-03	AA01_043020	Outdoor Ambient Ai	04/30/2020	04/30/2020
20E0004-04	SS08_043020	Soil Vapor	04/30/2020	04/30/2020
20E0004-05	SS09_043020	Soil Vapor	04/30/2020	04/30/2020
20E0004-06	IA08_043020	Indoor Ambient Air	04/30/2020	04/30/2020
20E0004-07	IA09_043020	Indoor Ambient Air	04/30/2020	04/30/2020

General Notes for York Project (SDG) No.: 20E0004

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

Approved By: 

Date: 05/06/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SV04_043020 **York Sample ID:** 20E0004-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 2:33 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.87	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.87	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.64	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**20**		ug/m³	0.78	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.96	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.64	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.73	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**8.0**		ug/m³	0.78	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.96	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.73	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.96	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**11**		ug/m³	0.47	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV04_043020 **York Sample ID:** 20E0004-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 2:33 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**3.5**		ug/m³	1.3	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.65	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**54**		ug/m³	0.76	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.35	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.1**		ug/m³	0.51	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.82	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.6	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.62	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**4.0**		ug/m³	0.50	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.40**		ug/m³	0.25	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.73	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.42	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**5.0**		ug/m³	0.78	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.79**		ug/m³	0.33	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.72	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.5**		ug/m³	0.55	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.79	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV04_043020 **York Sample ID:** 20E0004-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 2:33 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**3.0**		ug/m³	0.69	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**29**		ug/m³	0.78	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	**Methyl Methacrylate**	**15**		ug/m³	0.65	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.57	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**8.8**		ug/m³	0.65	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**3.5**		ug/m³	0.56	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**6.8**		ug/m³	0.69	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**13**		ug/m³	1.4	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**11**		ug/m³	0.78	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.27	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.68	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**13**	TO-CCV, TO-LCS-L	ug/m³	1.1	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.94	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:			
108-88-3	**Toluene**	**8.5**		ug/m³	0.60	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.63	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.72	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.21	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	0.89	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.56	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV04_043020 **York Sample ID:** 20E0004-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 2:33 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.70	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.20	1.59	EPA TO-15	05/01/2020 09:00	05/02/2020 01:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*70-130*

Sample Information

Client Sample ID: SV07_043020 **York Sample ID:** 20E0004-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 2:30 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.88	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.88	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.65	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**28**		ug/m³	0.79	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.97	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.65	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.74	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**12**		ug/m³	0.79	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**1.1**		ug/m³	1.1	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.97	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.74	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.97	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**8.9**		ug/m³	0.47	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**2.9**		ug/m³	1.3	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV07_043020 **York Sample ID:** 20E0004-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 2:30 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	**4-Methyl-2-pentanone**	**0.79**		ug/m³	0.66	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**29**		ug/m³	0.76	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.35	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**9.9**		ug/m³	0.51	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.83	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.7	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.62	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**13**		ug/m³	0.50	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.25	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.74	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	**Chloroethane**	**1.1**		ug/m³	0.42	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**4.2**		ug/m³	0.78	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.33	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.73	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**7.8**		ug/m³	0.55	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.79	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.7**		ug/m³	0.70	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV07_043020 **York Sample ID:** 20E0004-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 2:30 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**2.3**		ug/m³	0.79	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.66	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.58	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**11**		ug/m³	0.66	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**22**		ug/m³	0.57	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**6.8**		ug/m³	0.70	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**12**		ug/m³	1.4	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**14**		ug/m³	0.79	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.28	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.68	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**13**	TO-CCV, TO-LCS-L	ug/m³	1.1	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.95	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:			
108-88-3	**Toluene**	**13**		ug/m³	0.61	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.64	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.73	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.1**		ug/m³	0.90	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.57	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.70	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV07_043020 **York Sample ID:** 20E0004-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 2:30 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.607	EPA TO-15	05/01/2020 09:00	05/02/2020 01:55	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*70-130*

Sample Information

Client Sample ID: AA01_043020 **York Sample ID:** 20E0004-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Outdoor Ambient Air	April 30, 2020 2:31 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.61	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.079	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.60	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.0**		ug/m³	0.24	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:			

Sample Information

Client Sample ID: AA01_043020 **York Sample ID:** 20E0004-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Outdoor Ambient Air	April 30, 2020 2:31 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**6.6**		ug/m³	0.38	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.17	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.41**		ug/m³	0.26	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.42	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.83	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.31	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.50**		ug/m³	0.13	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.21	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.39	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.17	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.079	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.68	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.6**		ug/m³	0.40	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.58	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.38**		ug/m³	0.35	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA01_043020 **York Sample ID:** 20E0004-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Outdoor Ambient Air	April 30, 2020 2:31 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**26**		ug/m³	0.39	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**6.1**		ug/m³	0.33	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.5**		ug/m³	0.56	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.33	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.42**		ug/m³	0.28	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.38**		ug/m³	0.35	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.1**		ug/m³	0.70	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.39	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.14	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:			
100-42-5	**Styrene**	**0.34**		ug/m³	0.34	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.54	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.47	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:			
108-88-3	**Toluene**	**2.2**		ug/m³	0.30	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.45	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.28	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.802	EPA TO-15	05/05/2020 09:00	05/05/2020 23:36	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA01_043020 **York Sample ID:** 20E0004-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Outdoor Ambient Air	April 30, 2020 2:31 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*		*70-130*						

Sample Information

Client Sample ID: SS08_043020 **York Sample ID:** 20E0004-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 5:13 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.92	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.92	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**9.9**		ug/m³	0.83	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.78	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**2.6**		ug/m³	0.83	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.78	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.2**		ug/m³	0.50	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:			

Sample Information

Client Sample ID: SS08_043020 **York Sample ID:** 20E0004-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 5:13 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.69	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**6.7**		ug/m³	0.80	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**3.1**		ug/m³	0.54	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.87	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.7	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.65	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**1.2**		ug/m³	0.52	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.42**		ug/m³	0.26	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.77	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.44	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**9.9**		ug/m³	0.82	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.35	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.17	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**1.3**		ug/m³	0.58	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.83	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**14**		ug/m³	0.73	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SS08_043020 **York Sample ID:** 20E0004-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 5:13 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.8**		ug/m³	0.83	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.69	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.61	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**6.1**		ug/m³	0.69	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**5.8**		ug/m³	0.59	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**13**		ug/m³	0.73	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**55**		ug/m³	1.5	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**13**		ug/m³	0.83	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.29	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:			
100-42-5	**Styrene**	**1.6**		ug/m³	0.72	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**35**	TO-CCV, TO-LCS-L	ug/m³	1.1	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.99	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:			
108-88-3	**Toluene**	**55**		ug/m³	0.63	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.67	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.23	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.94	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.59	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.74	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SS08_043020 **York Sample ID:** 20E0004-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 5:13 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.681	EPA TO-15	05/01/2020 09:00	05/02/2020 03:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*70-130*

Sample Information

Client Sample ID: SS09_043020 **York Sample ID:** 20E0004-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 5:12 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.92	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.92	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**17**		ug/m³	0.83	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.78	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**3.8**		ug/m³	0.83	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.78	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.1**		ug/m³	0.50	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:			

Sample Information

Client Sample ID: SS09_043020 **York Sample ID:** 20E0004-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 5:12 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.69	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**4.8**		ug/m³	0.80	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.37	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**2.4**		ug/m³	0.54	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.87	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.7	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.65	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**4.2**		ug/m³	0.52	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.77	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.44	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**0.99**		ug/m³	0.82	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.35	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.17	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**3.2**		ug/m³	0.58	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.83	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**19**		ug/m³	0.73	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SS09_043020 **York Sample ID:** 20E0004-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 5:12 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.9**		ug/m³	0.83	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.69	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**10**		ug/m³	0.61	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**16**		ug/m³	0.69	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**6.5**		ug/m³	0.59	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**19**		ug/m³	0.73	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**76**		ug/m³	1.5	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**22**		ug/m³	0.83	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.29	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:			
100-42-5	**Styrene**	**2.2**		ug/m³	0.72	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**20**	TO-CCV, TO-LCS-L	ug/m³	1.1	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.99	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:			
108-88-3	**Toluene**	**50**		ug/m³	0.63	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.67	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.23	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.95	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.59	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.74	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SS09_043020 **York Sample ID:** 20E0004-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Soil Vapor	April 30, 2020 5:12 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.22	1.683	EPA TO-15	05/01/2020 09:00	05/02/2020 04:32	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*70-130*

Sample Information

Client Sample ID: IA08_043020 **York Sample ID:** 20E0004-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Indoor Ambient Air	April 30, 2020 5:23 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.62	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.080	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.60	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.55**		ug/m³	0.40	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.76**		ug/m³	0.24	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA08_043020 **York Sample ID:** 20E0004-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Indoor Ambient Air	April 30, 2020 5:23 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**8.4**		ug/m³	0.38	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.17	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.28**		ug/m³	0.26	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.42	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	0.83	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.31	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.51**		ug/m³	0.13	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.21	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.39	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**1.0**		ug/m³	0.17	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.080	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.69	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.40	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.58	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.52**		ug/m³	0.35	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA08_043020 **York Sample ID:** 20E0004-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Indoor Ambient Air	April 30, 2020 5:23 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**9.8**		ug/m³	0.40	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**0.40**		ug/m³	0.33	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	0.56	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.36**		ug/m³	0.33	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.28	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.63**		ug/m³	0.35	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.9**		ug/m³	0.70	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.40	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.14	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.34	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.55	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.48	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:			
108-88-3	**Toluene**	**4.7**		ug/m³	0.30	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.45	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.28	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.806	EPA TO-15	05/01/2020 09:00	05/02/2020 05:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA08_043020 **York Sample ID:** 20E0004-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Indoor Ambient Air	April 30, 2020 5:23 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*		*70-130*						

Sample Information

Client Sample ID: IA09_043020 **York Sample ID:** 20E0004-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Indoor Ambient Air	April 30, 2020 5:23 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.65	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.52	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.65	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.73	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.52	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.094	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.71	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.47	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.73	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.57	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.44	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.47	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.63	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.57	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.44	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.57	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.69	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.79**		ug/m³	0.28	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.78	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA09_043020 **York Sample ID:** 20E0004-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Indoor Ambient Air	April 30, 2020 5:23 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.39	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**4.2**		ug/m³	0.45	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.21	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.30**		ug/m³	0.30	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.49	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.64	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	0.99	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.37	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.48**		ug/m³	0.15	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.25	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.47	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.20	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.094	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.43	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.33	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.81	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.47	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.69	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.50**		ug/m³	0.41	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA09_043020 **York Sample ID:** 20E0004-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Indoor Ambient Air	April 30, 2020 5:23 pm	04/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**1.6**		ug/m³	0.47	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.39	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	0.66	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.39	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.34	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.54**		ug/m³	0.41	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.6**		ug/m³	0.83	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.47	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.16	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.41	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.65	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.56	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:			
108-88-3	**Toluene**	**2.7**		ug/m³	0.36	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.43	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.54	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.953	EPA TO-15	05/01/2020 09:00	05/02/2020 06:30	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA09_043020 **York Sample ID:** 20E0004-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0004	170610601	Indoor Ambient Air	April 30, 2020 5:23 pm	04/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*		*70-130*						

Analytical Batch Summary

Batch ID: BE00112 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20E0004-01	SV04_043020	05/01/20
20E0004-02	SV07_043020	05/01/20
20E0004-04	SS08_043020	05/01/20
20E0004-05	SS09_043020	05/01/20
20E0004-06	IA08_043020	05/01/20
20E0004-07	IA09_043020	05/01/20
BE00112-BLK1	Blank	05/01/20
BE00112-BS1	LCS	05/01/20
BE00112-DUP1	Duplicate	05/01/20

Batch ID: BE00113 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20E0004-03	AA01_043020	05/05/20
BE00113-BLK1	Blank	05/05/20
BE00113-BS1	LCS	05/05/20

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00112 - EPA TO15 PREP											
Blank (BE00112-BLK1) Blank									Prepared: 05/01/2020 Analyzed: 05/02/2020		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

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

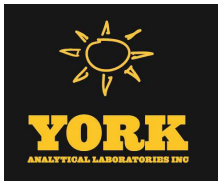
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00112 - EPA TO15 PREP											
Blank (BE00112-BLK1) Blank								Prepared: 05/01/2020 Analyzed: 05/02/2020			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Surrogate: SURR: p-Bromofluorobenzene	*9.39*		*ppbv*	*10.0*		*93.9*	*70-130*				
LCS (BE00112-BS1) LCS								Prepared & Analyzed: 05/01/2020			
1,1,1,2-Tetrachloroethane	9.70		ppbv	10.0		97.0	70-130				
1,1,1-Trichloroethane	9.85		"	10.0		98.5	70-130				
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50		"	10.0		95.0	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	10.0		"	10.0		100	70-130				
1,1-Dichloroethylene	10.3		"	10.0		103	70-130				
1,2,4-Trichlorobenzene	6.99		"	10.0		69.9	70-130	Low Bias			
1,2,4-Trimethylbenzene	10.7		"	10.0		107	70-130				
1,2-Dibromoethane	10.3		"	10.0		103	70-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	70-130				
1,2-Dichloroethane	10.3		"	10.0		103	70-130				
1,2-Dichloropropane	10.6		"	10.0		106	70-130				
1,2-Dichlorotetrafluoroethane	9.86		"	10.0		98.6	70-130				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	70-130				
1,3-Butadiene	9.34		"	10.0		93.4	70-130				
1,3-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,3-Dichloropropane	10.7		"	10.0		107	70-130				
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130				
1,4-Dioxane	10.1		"	10.0		101	70-130				
2-Butanone	9.88		"	10.0		98.8	70-130				
2-Hexanone	11.5		"	10.0		115	70-130				
3-Chloropropene	9.62		"	10.0		96.2	70-130				
4-Methyl-2-pentanone	11.2		"	10.0		112	70-130				
Acetone	9.57		"	10.0		95.7	70-130				
Acrylonitrile	9.85		"	10.0		98.5	70-130				
Benzene	9.45		"	10.0		94.5	70-130				
Benzyl chloride	8.30		"	10.0		83.0	70-130				
Bromodichloromethane	11.0		"	10.0		110	70-130				
Bromoform	10.2		"	10.0		102	70-130				
Bromomethane	9.29		"	10.0		92.9	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00112 - EPA TO15 PREP											
LCS (BE00112-BS1) LCS							Prepared & Analyzed: 05/01/2020				
Carbon tetrachloride	10.0		ppbv	10.0		100	70-130				
Chlorobenzene	9.68		"	10.0		96.8	70-130				
Chloroethane	10.5		"	10.0		105	70-130				
Chloroform	9.98		"	10.0		99.8	70-130				
Chloromethane	7.96		"	10.0		79.6	70-130				
cis-1,2-Dichloroethylene	9.99		"	10.0		99.9	70-130				
cis-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Cyclohexane	9.85		"	10.0		98.5	70-130				
Dibromochloromethane	10.4		"	10.0		104	70-130				
Dichlorodifluoromethane	11.6		"	10.0		116	70-130				
Ethyl acetate	12.2		"	10.0		122	70-130				
Ethyl Benzene	10.0		"	10.0		100	70-130				
Hexachlorobutadiene	10.2		"	10.0		102	70-130				
Isopropanol	9.54		"	10.0		95.4	70-130				
Methyl Methacrylate	10.8		"	10.0		108	70-130				
Methyl tert-butyl ether (MTBE)	9.73		"	10.0		97.3	70-130				
Methylene chloride	9.09		"	10.0		90.9	70-130				
n-Heptane	9.68		"	10.0		96.8	70-130				
n-Hexane	9.83		"	10.0		98.3	70-130				
o-Xylene	10.2		"	10.0		102	70-130				
p- & m- Xylenes	20.6		"	20.0		103	70-130				
p-Ethyltoluene	10.6		"	10.0		106	70-130				
Propylene	9.19		"	10.0		91.9	70-130				
Styrene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	6.99		"	10.0		69.9	70-130	Low Bias			
Tetrahydrofuran	9.95		"	10.0		99.5	70-130				
Toluene	9.96		"	10.0		99.6	70-130				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Trichloroethylene	10.7		"	10.0		107	70-130				
Trichlorofluoromethane (Freon 11)	9.53		"	10.0		95.3	70-130				
Vinyl acetate	8.14		"	10.0		81.4	70-130				
Vinyl bromide	8.86		"	10.0		88.6	70-130				
Vinyl Chloride	7.76		"	10.0		77.6	70-130				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*70-130*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00112 - EPA TO15 PREP											
Duplicate (BE00112-DUP1) Duplicate	*Source sample: 20E0004-07 (IA09_043020)								Prepared: 05/01/2020 Analyzed: 05/02/2020		
1,1,1,2-Tetrachloroethane	ND	0.65	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.52	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.65	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.73	"		ND					25	
1,1,2-Trichloroethane	ND	0.52	"		ND					25	
1,1-Dichloroethane	ND	0.39	"		ND					25	
1,1-Dichloroethylene	ND	0.094	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.71	"		ND					25	
1,2,4-Trimethylbenzene	0.33	0.47	"		0.33				0.00	25	
1,2-Dibromoethane	ND	0.73	"		ND					25	
1,2-Dichlorobenzene	ND	0.57	"		ND					25	
1,2-Dichloroethane	ND	0.39	"		ND					25	
1,2-Dichloropropane	ND	0.44	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.67	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.47	"		ND					25	
1,3-Butadiene	ND	0.63	"		ND					25	
1,3-Dichlorobenzene	ND	0.57	"		ND					25	
1,3-Dichloropropane	ND	0.44	"		ND					25	
1,4-Dichlorobenzene	ND	0.57	"		ND					25	
1,4-Dioxane	ND	0.69	"		ND					25	
2-Butanone	0.76	0.28	"		0.79				3.64	25	
2-Hexanone	ND	0.78	"		ND					25	
3-Chloropropene	ND	1.5	"		ND					25	
4-Methyl-2-pentanone	ND	0.39	"		ND					25	
Acetone	4.2	0.45	"		4.2				0.00	25	
Acrylonitrile	ND	0.21	"		ND					25	
Benzene	0.37	0.30	"		0.30				18.2	25	
Benzyl chloride	ND	0.49	"		ND					25	
Bromodichloromethane	ND	0.64	"		ND					25	
Bromoform	ND	0.99	"		ND					25	
Bromomethane	ND	0.37	"		ND					25	
Carbon disulfide	ND	0.30	"		ND					25	
Carbon tetrachloride	0.48	0.15	"		0.48				0.00	25	
Chlorobenzene	ND	0.44	"		ND					25	
Chloroethane	ND	0.25	"		ND					25	
Chloroform	ND	0.47	"		ND					25	
Chloromethane	1.1	0.20	"		1.1				7.14	25	
cis-1,2-Dichloroethylene	ND	0.094	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.43	"		ND					25	
Cyclohexane	ND	0.33	"		ND					25	
Dibromochloromethane	ND	0.81	"		ND					25	
Dichlorodifluoromethane	1.8	0.47	"		1.9				2.53	25	
Ethyl acetate	ND	0.69	"		ND					25	
Ethyl Benzene	0.50	0.41	"		0.50				0.00	25	
Hexachlorobutadiene	ND	1.0	"		ND					25	
Isopropanol	1.6	0.47	"		1.6				0.00	25	
Methyl Methacrylate	0.23	0.39	"		0.23				0.00	25	
Methyl tert-butyl ether (MTBE)	ND	0.34	"		ND					25	
Methylene chloride	ND	0.66	"		ND					25	
n-Heptane	0.20	0.39	"		0.20				0.00	25	
n-Hexane	ND	0.34	"		ND					25	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00112 - EPA TO15 PREP											
Duplicate (BE00112-DUP1) Duplicate	*Source sample: 20E0004-07 (IA09_043020)								Prepared: 05/01/2020 Analyzed: 05/02/2020		
o-Xylene	0.54	0.41	ug/m³		0.54				0.00	25	
p- & m- Xylenes	1.6	0.83	"		1.6				2.60	25	
p-Ethyltoluene	ND	0.47	"		ND					25	
Propylene	ND	0.16	"		ND					25	
Styrene	ND	0.41	"		ND					25	
Tetrachloroethylene	0.39	0.65	"		0.39				0.00	25	
Tetrahydrofuran	ND	0.56	"		ND					25	
Toluene	2.7	0.36	"		2.7				1.32	25	
trans-1,2-Dichloroethylene	ND	0.38	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.43	"		ND					25	
Trichloroethylene	ND	0.13	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.3	0.54	"		1.3				0.00	25	
Vinyl acetate	ND	0.34	"		ND					25	
Vinyl bromide	ND	0.42	"		ND					25	
Vinyl Chloride	ND	0.12	"		ND					25	
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*ppbv*	*10.0*		*106*	*70-130*				
Batch BE00113 - EPA TO15 PREP											
Blank (BE00113-BLK1) Blank									Prepared & Analyzed: 05/05/2020		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00113 - EPA TO15 PREP											
Blank (BE00113-BLK1) Blank									Prepared & Analyzed: 05/05/2020		
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Surrogate: SURR: p-Bromofluorobenzene	*9.74*		*ppbv*	*10.0*		*97.4*	*70-130*				

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

York Analytical Laboratories, Inc.

Batch BE00113 - EPA TO15 PREP

LCS (BE00113-BS1) LCS — Prepared & Analyzed: 05/05/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.75		ppbv	10.0		97.5	70-130				
1,1,1-Trichloroethane	9.97		"	10.0		99.7	70-130				
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.62		"	10.0		96.2	70-130				
1,1,2-Trichloroethane	10.5		"	10.0		105	70-130				
1,1-Dichloroethane	10.2		"	10.0		102	70-130				
1,1-Dichloroethylene	10.6		"	10.0		106	70-130				
1,2,4-Trichlorobenzene	7.31		"	10.0		73.1	70-130				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	70-130				
1,2-Dibromoethane	10.5		"	10.0		105	70-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	70-130				
1,2-Dichloroethane	10.6		"	10.0		106	70-130				
1,2-Dichloropropane	10.8		"	10.0		108	70-130				
1,2-Dichlorotetrafluoroethane	9.83		"	10.0		98.3	70-130				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,3-Butadiene	10.0		"	10.0		100	70-130				
1,3-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,3-Dichloropropane	10.9		"	10.0		109	70-130				
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130				
1,4-Dioxane	10.2		"	10.0		102	70-130				
2-Butanone	10.1		"	10.0		101	70-130				
2-Hexanone	11.7		"	10.0		117	70-130				
3-Chloropropene	9.89		"	10.0		98.9	70-130				
4-Methyl-2-pentanone	11.4		"	10.0		114	70-130				
Acetone	9.80		"	10.0		98.0	70-130				
Acrylonitrile	9.97		"	10.0		99.7	70-130				
Benzene	9.68		"	10.0		96.8	70-130				
Benzyl chloride	8.20		"	10.0		82.0	70-130				
Bromodichloromethane	11.2		"	10.0		112	70-130				
Bromoform	10.2		"	10.0		102	70-130				
Bromomethane	9.50		"	10.0		95.0	70-130				
Carbon disulfide	10.4		"	10.0		104	70-130				
Carbon tetrachloride	10.2		"	10.0		102	70-130				
Chlorobenzene	9.75		"	10.0		97.5	70-130				
Chloroethane	10.8		"	10.0		108	70-130				
Chloroform	10.2		"	10.0		102	70-130				
Chloromethane	8.45		"	10.0		84.5	70-130				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
cis-1,3-Dichloropropylene	11.4		"	10.0		114	70-130				
Cyclohexane	10.0		"	10.0		100	70-130				
Dibromochloromethane	10.6		"	10.0		106	70-130				
Dichlorodifluoromethane	11.2		"	10.0		112	70-130				
Ethyl acetate	12.6		"	10.0		126	70-130				
Ethyl Benzene	9.98		"	10.0		99.8	70-130				
Hexachlorobutadiene	10.1		"	10.0		101	70-130				
Isopropanol	9.72		"	10.0		97.2	70-130				
Methyl Methacrylate	11.1		"	10.0		111	70-130				
Methyl tert-butyl ether (MTBE)	9.88		"	10.0		98.8	70-130				
Methylene chloride	9.24		"	10.0		92.4	70-130				
n-Heptane	10.0		"	10.0		100	70-130				
n-Hexane	10.0		"	10.0		100	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00113 - EPA TO15 PREP											
LCS (BE00113-BS1) LCS								Prepared & Analyzed: 05/05/2020			
o-Xylene	10.1		ppbv	10.0		101	70-130				
p- & m- Xylenes	20.6		"	20.0		103	70-130				
p-Ethyltoluene	10.5		"	10.0		105	70-130				
Propylene	9.40		"	10.0		94.0	70-130				
Styrene	10.5		"	10.0		105	70-130				
Tetrachloroethylene	7.04		"	10.0		70.4	70-130				
Tetrahydrofuran	10.3		"	10.0		103	70-130				
Toluene	9.98		"	10.0		99.8	70-130				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	70-130				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Trichloroethylene	10.9		"	10.0		109	70-130				
Trichlorofluoromethane (Freon 11)	9.62		"	10.0		96.2	70-130				
Vinyl acetate	8.21		"	10.0		82.1	70-130				
Vinyl bromide	9.09		"	10.0		90.9	70-130				
Vinyl Chloride	8.28		"	10.0		82.8	70-130				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20E0004

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company:
Address: 360 west 31st Street, New York NY 10001	Address:	Address:
Phone: 212 479 5400	Phone.:	Phone.:
Contact: Kime Semon	Contact: Dino Palazzolo	Contact:
E-mail: Ksemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; Standard (5-7 Day) (X)

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

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ¦ Other

Samples From: New York (X); New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB11_18-20	S	4/30 1450	VOC, SVOC, PCB, Pest, Herb, metals (+hex/tri/chromium & cyanide	
SOFB02_043020	S & QA/QC	4/30 1200	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	
MW06-043020	GW	4/30 1414	VOC SVOC PCB Pest Herb metals (+hex/tri/chromium cyanide	
MW08_043020	GW	4/30 1055	(filtered & unfiltered)	
MW05_043020	GW	4/30		
MWDUP01_043020	GW	4/30 —		
MWFB01_043020	QA/QC	4/30 1400		
TBLK01_043020	QA/QC	4/30 —		
SV04_043020	Air	4/30 1433	TO-15 (can ID - Y67; start time 1233 (-30 in Hg); end time 1433 (-5 in Hg)	
SV07_043020	Air	4/30 1430	TO-15 (can ID - 2396; start time 1230 (-31.5 in Hg); end time 1430 (-7.75 in Hg)	

Comments:

Preservation: (check all that apply) HCl (X) MeOH (X) HNO3 (X) H2SO4 ( ) NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered (X) Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deirdre Casey Langan	4/30 1740	C Shafer	4/30/20	C Shafer	4/30/20
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
				PGrace 4-30-20 1938	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Temp. Received at Lab
					1.2

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 20E0004

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: same
Address: 360 West 31st Street New York NY 10001	Address:	Address: same
Phone.: 212 479 5400	Phone.:	Phone.: same
Contact: Kim Semon	Contact: Dina Palazzolo	Contact: same
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: same

YOUR Project Number: 170161601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

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

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ; Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
AA01_043020	air	4/30 1431	TO15	(Can ID 15528; Start 1235 (-28 inHg); Stop 1431 (-4.25 inHg)
SS08_043020	air	4/30 1713	TO15	(Can ID 16956; Start 0913 (-29.75"); Stop 1713 (-7.0 inHg)
SS09_043020	air	4/30 1712	TO15	(Can ID 18305; Start 0911 (-30); Stop 1712 (-6 inHg)
IA08_043020	air	4/30 1723	TO15	(Can ID 18302; Start 0923 (-31.5"); Stop 1723 (-7 inHg)
IA09_043020	air	4/30 1723	TO15	20316; Start 0923 (-29.9"); Stop 1723 (-8 inHg

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: _____

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Luke McCartney Langan	4/30 1740	LANGAN 4/30 1740			4/30/20
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	4/30/20				
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					4-30-20 1738 @ 1.2 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/13/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0055

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

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

Report Date: 05/13/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0055

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 04, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20E0055-01	SB15_0-2	Soil	05/04/2020	05/04/2020
20E0055-02	SB15_5-7	Soil	05/04/2020	05/04/2020
20E0055-03	SB15_18-20	Soil	05/04/2020	05/04/2020
20E0055-04	SB13_0-2	Soil	05/04/2020	05/04/2020
20E0055-05	SB13_5-7	Soil	05/04/2020	05/04/2020
20E0055-06	SB13_18-20	Soil	05/04/2020	05/04/2020
20E0055-07	SODUP02_050420	Soil	05/04/2020	05/04/2020

General Notes for York Project (SDG) No.: 20E0055

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

Approved By: 

Date: 05/13/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0084**	CCV-E, J, B	mg/kg dry	0.0052	0.010	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.026	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	05/05/2020 08:00	05/05/2020 12:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.117**		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.123**		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.126**		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0963**		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.160**		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.235**		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0703**	J	mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0977**		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.241**		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	05/05/2020 14:33	05/06/2020 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*56.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.1 %*	*24-116*

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/11/2020 12:38	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.375	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0706	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0487	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0332	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.248**	J	ug/kg dry	0.0827	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**1.08**		ug/kg dry	0.0469	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0641	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.0853**	J	ug/kg dry	0.0548	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.125	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0803	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0466	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0800	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.112	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
2991-50-6	*** N-EtFOSAA**	**0.198**	J	ug/kg dry	0.112	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0984	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0500	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0528	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0548	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0707	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0274	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.196	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:20	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*62.2 %*	*25-150*
Surrogate: M5PFHxA	*58.5 %*	*25-150*
Surrogate: M4PFHpA	*84.1 %*	*25-150*
Surrogate: M3PFHxS	*65.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*68.9 %*	*25-150*
Surrogate: M6PFDA	*68.9 %*	*25-150*
Surrogate: M7PFUdA	*66.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*63.8 %*	*25-150*
Surrogate: M2PFTeDA	*66.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*83.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*57.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*58.6 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*82.8 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*89.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*109 %*	*25-150*
Surrogate: M2-8:2 FTS	*150 %*	*25-150*
Surrogate: M9PFNA	*74.9 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 13:46	CM
72-55-9	**4,4'-DDE**	**0.00590**		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 13:46	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 13:46	CM

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	**alpha-Chlordane**	**0.00999**		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	**gamma-Chlordane**	**0.00643**		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	*** Chlordane, total**	**0.0463**		mg/kg dry	0.0362	5	EPA 8081B	05/06/2020 07:44	05/07/2020 13:46	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-150*

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/06/2020 07:44	05/06/2020 21:55	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/06/2020 07:44	05/06/2020 21:55	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/06/2020 07:44	05/06/2020 21:55	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/06/2020 07:44	05/06/2020 21:55	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/06/2020 07:44	05/06/2020 21:55	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/06/2020 07:44	05/06/2020 21:55	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/06/2020 07:44	05/06/2020 21:55	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/06/2020 07:44	05/06/2020 21:55	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0224	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:14	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:14	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0224	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:14	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*41.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7750**		mg/kg dry	5.63	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.36**		mg/kg dry	1.69	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**70.8**		mg/kg dry	2.81	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.338	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**51000**		mg/kg dry	5.63	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**32.9**		mg/kg dry	0.563	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**8.72**		mg/kg dry	0.450	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**34.5**		mg/kg dry	2.25	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**13200**		mg/kg dry	28.1	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**64.4**		mg/kg dry	0.563	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**10100**		mg/kg dry	5.63	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**223**		mg/kg dry	0.563	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**74.1**		mg/kg dry	1.13	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**747**		mg/kg dry	5.63	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.563	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**304**		mg/kg dry	56.3	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.0**		mg/kg dry	1.13	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**101**		mg/kg dry	2.81	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB15_0-2 **York Sample ID:** 20E0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 7:50 am	05/04/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.176**		mg/kg dry	0.0338	1	EPA 7473	05/05/2020 10:40	05/05/2020 15:04	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.563	1	EPA 7196A	05/05/2020 08:32	05/05/2020 12:06	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**32.9**		mg/kg	0.500	1	Calculation	05/08/2020 14:09	05/08/2020 14:10	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.563	1	EPA 9014/9010C	05/05/2020 08:50	05/05/2020 14:22	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.8**		%	0.100	1	SM 2540G	05/05/2020 08:30	05/05/2020 11:06	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: **SB15_5-7** **York Sample ID:** **20E0055-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.038**	CCV-E	mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.13**	CCV-E, B	mg/kg dry	0.0050	0.010	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.025	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:25	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.212	0.423	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.212	0.423	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0583**	J	mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0659**	J	mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0591**	J	mg/kg dry	0.0530	0.106	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.212	0.423	2	EPA 8270D	05/06/2020 13:42	05/07/2020 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.7 %*	*24-116*

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 15:37	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*42.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.432	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0814	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0562	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0383	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.110**	J	ug/kg dry	0.0954	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0541	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0739	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0633	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.144	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0927	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0537	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0923	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.129	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.129	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0577	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0609	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0633	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0815	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0316	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.226	0.618	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 22:45	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*61.0 %*		*25-150*
Surrogate: M5PFHxA	*55.9 %*		*25-150*
Surrogate: M4PFHpA	*80.9 %*		*25-150*
Surrogate: M3PFHxS	*64.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*65.8 %*		*25-150*
Surrogate: M6PFDA	*76.4 %*		*25-150*
Surrogate: M7PFUdA	*74.2 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*64.3 %*		*25-150*
Surrogate: M2PFTeDA	*65.2 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*79.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*66.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*55.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.3 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*80.7 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*94.5 %*		*25-150*
Surrogate: M2-6:2 FTS	*119 %*		*25-150*
Surrogate: M2-8:2 FTS	*180 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*75.7 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00206	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:03	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00206	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:03	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00206	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:03	CM

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.206	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0413	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:03	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-150*

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0208	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0208	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0208	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0208	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0208	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0208	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0208	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0208	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:09	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0252	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:25	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0252	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:25	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0252	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:25	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*63.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7800**		mg/kg dry	6.36	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.18	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.46**		mg/kg dry	1.91	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**64.2**		mg/kg dry	3.18	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.064	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.381	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2500**		mg/kg dry	6.36	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**43.5**		mg/kg dry	0.636	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**23.1**		mg/kg dry	0.509	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**34.6**		mg/kg dry	2.54	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**19300**		mg/kg dry	31.8	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**82.3**		mg/kg dry	0.636	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**13500**		mg/kg dry	6.36	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**523**		mg/kg dry	0.636	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**309**		mg/kg dry	1.27	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1090**		mg/kg dry	6.36	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.18	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.636	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**182**		mg/kg dry	63.6	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.18	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**22.7**		mg/kg dry	1.27	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**53.6**		mg/kg dry	3.18	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB15_5-7 **York Sample ID:** 20E0055-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 8:25 am	05/04/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.274**		mg/kg dry	0.0381	1	EPA 7473	05/05/2020 10:40	05/05/2020 15:13	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.636	1	EPA 7196A	05/05/2020 08:32	05/05/2020 12:06	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**43.5**		mg/kg	0.500	1	Calculation	05/08/2020 14:09	05/08/2020 14:10	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.636	1	EPA 9014/9010C	05/05/2020 08:50	05/05/2020 14:22	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.6**		%	0.100	1	SM 2540G	05/05/2020 08:30	05/05/2020 11:06	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: **SB15_18-20** **York Sample ID:** **20E0055-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0083**	CCV-E	mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.033**	CCV-E, B	mg/kg dry	0.0057	0.011	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.0044**	J	mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.028	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	05/05/2020 08:00	05/05/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.7 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.218	0.436	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.218	0.436	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.218	0.436	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.9 %*	*24-116*

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/06/2020 15:54	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*42.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.431	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0811	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0560	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0382	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0950	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0539	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0736	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0630	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.143	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0923	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0535	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0919	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.128	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.128	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0575	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0607	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0630	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0812	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0315	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.241**	J	ug/kg dry	0.225	0.615	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:10	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*56.5 %*		*25-150*
Surrogate: M5PFHxA	*53.4 %*		*25-150*
Surrogate: M4PFHpA	*71.8 %*		*25-150*
Surrogate: M3PFHxS	*61.0 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*64.2 %*		*25-150*
Surrogate: M6PFDA	*69.7 %*		*25-150*
Surrogate: M7PFUdA	*58.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*51.9 %*		*25-150*
Surrogate: M2PFTeDA	*58.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*76.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*61.1 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*52.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*47.9 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*75.4 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*90.7 %*		*25-150*
Surrogate: M2-6:2 FTS	*216 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*363 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*70.6 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00322	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:19	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00322	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:19	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00322	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:19	CM

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.322	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0644	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:19	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-150*

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0325	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0325	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0325	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0325	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0325	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0325	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0325	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0325	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:23	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0262	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:35	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0262	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:35	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0262	1	EPA 8151A	05/06/2020 07:29	05/06/2020 22:35	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*81.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5890**		mg/kg dry	6.57	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.29	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.74**		mg/kg dry	1.97	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**25.7**		mg/kg dry	3.29	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.066	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.394	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**3980**		mg/kg dry	6.57	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**23.7**		mg/kg dry	0.657	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.526	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**11.9**		mg/kg dry	2.63	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**17100**		mg/kg dry	32.9	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**6.33**		mg/kg dry	0.657	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**9160**		mg/kg dry	6.57	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**208**		mg/kg dry	0.657	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**113**		mg/kg dry	1.31	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1520**		mg/kg dry	6.57	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.29	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.657	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**195**		mg/kg dry	65.7	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.29	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**58.0**		mg/kg dry	1.31	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**28.9**		mg/kg dry	3.29	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB15_18-20 **York Sample ID:** 20E0055-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 9:00 am	05/04/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0394	1	EPA 7473	05/05/2020 10:40	05/05/2020 15:22	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.657	1	EPA 7196A	05/05/2020 08:32	05/05/2020 12:06	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**23.7**		mg/kg	0.500	1	Calculation	05/08/2020 14:09	05/08/2020 14:10	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.657	1	EPA 9014/9010C	05/05/2020 08:50	05/05/2020 14:22	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.1**		%	0.100	1	SM 2540G	05/05/2020 08:30	05/05/2020 11:06	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.091	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.015**	CCV-E, B	mg/kg dry	0.0045	0.0091	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.023	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:21	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.7 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0497**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.0662**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0655**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.0519**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0542**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0527**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.0519**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0527**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	05/06/2020 13:42	05/07/2020 11:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.4 %*	*24-116*

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/08/2020 15:58	KH

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	S-08	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.385	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.241**	J	ug/kg dry	0.0726	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**0.140**	J	ug/kg dry	0.0501	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0341	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**1.34**		ug/kg dry	0.0850	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0482	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0659	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0564	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.128	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0826	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0479	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0823	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.115	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.115	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**0.218**	J	ug/kg dry	0.101	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0514	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0543	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0564	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0727	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0282	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.201	0.551	1	EPA 537m Certifications:	05/11/2020 10:39	05/12/2020 23:35	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*61.1 %*		*25-150*
Surrogate: M5PFHxA	*57.8 %*		*25-150*
Surrogate: M4PFHpA	*80.4 %*		*25-150*
Surrogate: M3PFHxS	*64.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*67.4 %*		*25-150*
Surrogate: M6PFDA	*69.5 %*		*25-150*
Surrogate: M7PFUdA	*62.0 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*55.5 %*		*25-150*
Surrogate: M2PFTeDA	*60.3 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*81.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*57.7 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*53.1 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*80.8 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*85.1 %*		*25-150*
Surrogate: M2-6:2 FTS	*181 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*197 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*75.1 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:36	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:36	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:36	CM

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0373	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:36	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.8 %*	*30-150*

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:36	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:36	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:15	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:15	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:15	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*65.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12300**		mg/kg dry	5.66	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.03**		mg/kg dry	1.70	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**74.9**		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2770**		mg/kg dry	5.66	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**37.4**		mg/kg dry	0.566	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**18.6**		mg/kg dry	0.453	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**37.4**		mg/kg dry	2.27	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18800**		mg/kg dry	28.3	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**235**		mg/kg dry	0.566	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6190**		mg/kg dry	5.66	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**266**		mg/kg dry	0.566	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**158**		mg/kg dry	1.13	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1030**		mg/kg dry	5.66	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**276**		mg/kg dry	56.6	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.9**		mg/kg dry	1.13	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**124**		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB13_0-2 **York Sample ID:** 20E0055-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 11:30 am	05/04/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.156**		mg/kg dry	0.0340	1	EPA 7473	05/05/2020 10:40	05/05/2020 15:31	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.861**		mg/kg dry	0.566	1	EPA 7196A	05/05/2020 08:32	05/05/2020 12:06	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**36.5**		mg/kg	0.500	1	Calculation	05/08/2020 14:09	05/08/2020 14:10	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.566	1	EPA 9014/9010C	05/05/2020 08:50	05/05/2020 14:22	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.3**		%	0.100	1	SM 2540G	05/05/2020 08:30	05/05/2020 11:06	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.019**	CCV-E	mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.069**	CCV-E, B	mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.022	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	05/05/2020 08:00	05/05/2020 14:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0795**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.0735**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0637**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0682**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0840**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.139**		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.112**		mg/kg dry	0.0470	0.0938	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:02	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*68.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.4 %*	*24-116*

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/07/2020 16:09	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.390	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0735	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0507	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0346	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0861	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0488	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0667	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0571	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.130	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0836	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0485	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0833	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.116	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.116	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.102	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0521	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0550	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0571	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0736	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0285	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.227**	J	ug/kg dry	0.204	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:00	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*63.7 %*	*25-150*
Surrogate: M5PFHxA	*59.9 %*	*25-150*
Surrogate: M4PFHpA	*83.3 %*	*25-150*
Surrogate: M3PFHxS	*66.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*67.3 %*	*25-150*
Surrogate: M6PFDA	*72.7 %*	*25-150*
Surrogate: M7PFUdA	*71.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*66.3 %*	*25-150*
Surrogate: M2PFTeDA	*65.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*85.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*65.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*59.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*64.3 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*75.2 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*80.6 %*	*25-150*
Surrogate: M2-6:2 FTS	*67.5 %*	*25-150*
Surrogate: M2-8:2 FTS	*93.5 %*	*25-150*
Surrogate: M9PFNA	*76.1 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:53	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:53	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 14:53	CM

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B	05/06/2020 07:44	05/07/2020 14:53	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.5 %*	*30-150*

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	05/06/2020 07:44	05/06/2020 22:50	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:25	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:25	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:25	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*74.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4440**		mg/kg dry	5.64	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.82	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.69	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**28.4**		mg/kg dry	2.82	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1090**		mg/kg dry	5.64	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.7**		mg/kg dry	0.564	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.24**		mg/kg dry	0.451	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.4**		mg/kg dry	2.26	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10400**		mg/kg dry	28.2	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.00**		mg/kg dry	0.564	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2370**		mg/kg dry	5.64	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**235**		mg/kg dry	0.564	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**71.5**		mg/kg dry	1.13	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**851**		mg/kg dry	5.64	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.564	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**98.3**		mg/kg dry	56.4	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.82	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.3**		mg/kg dry	1.13	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**21.4**		mg/kg dry	2.82	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:15	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB13_5-7 **York Sample ID:** 20E0055-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 pm	05/04/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7473	05/05/2020 10:40	05/05/2020 15:40	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.564	1	EPA 7196A	05/05/2020 08:32	05/05/2020 12:06	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.7**		mg/kg	0.500	1	Calculation	05/08/2020 14:09	05/08/2020 14:10	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.564	1	EPA 9014/9010C	05/05/2020 08:50	05/05/2020 14:22	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.6**		%	0.100	1	SM 2540G	05/05/2020 08:30	05/05/2020 11:06	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB13_18-20** **York Sample ID:** **20E0055-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0058**	CCV-E, J	mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.021**	CCV-E, B	mg/kg dry	0.0064	0.013	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.032	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0096	0.019	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:17	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.239	0.477	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.239	0.477	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.119	0.238	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.239	0.477	2	EPA 8270D	05/06/2020 13:42	05/07/2020 12:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.6 %*	*24-116*

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/07/2020 16:26	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.494	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.108**	J	ug/kg dry	0.0931	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**0.0706**	J	ug/kg dry	0.0643	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0438	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.109	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0619	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0844	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0723	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.164	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.106	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0614	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.147	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.147	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
754-91-6	* **Perfluoro-1-octanesulfonamide (FOSA)**	**0.0833**	J	ug/kg dry	0.0659	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0696	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0723	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0932	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
39108-34-4	* **1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**0.0498**	J	ug/kg dry	0.0362	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**1.43**		ug/kg dry	0.258	0.706	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:24	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*60.8 %*		*25-150*
Surrogate: M5PFHxA	*58.3 %*		*25-150*
Surrogate: M4PFHpA	*76.7 %*		*25-150*
Surrogate: M3PFHxS	*64.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*68.4 %*		*25-150*
Surrogate: M6PFDA	*70.6 %*		*25-150*
Surrogate: M7PFUdA	*58.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*61.1 %*		*25-150*
Surrogate: M2PFTeDA	*63.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*83.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*62.0 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*56.7 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*55.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*85.9 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*102 %*		*25-150*
Surrogate: M2-6:2 FTS	*213 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*373 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*73.8 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00354	5	EPA 8081B Certifications:	05/06/2020 07:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 15:10	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00354	5	EPA 8081B Certifications:	05/06/2020 07:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 15:10	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00354	5	EPA 8081B Certifications:	05/06/2020 07:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 15:10	CM

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.354	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0709	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:10	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.7 %*	*30-150*

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0358	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0358	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0358	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0358	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0358	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0358	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0358	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:03	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0358	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:03	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0284	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0284	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0284	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*85.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7460**		mg/kg dry	7.19	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.60	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.16**		mg/kg dry	2.16	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**29.8**		mg/kg dry	3.60	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.072	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.432	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**4260**		mg/kg dry	7.19	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**40.9**		mg/kg dry	0.719	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**16.0**		mg/kg dry	0.576	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**16.4**		mg/kg dry	2.88	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**20000**		mg/kg dry	36.0	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**52.4**		mg/kg dry	0.719	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**17100**		mg/kg dry	7.19	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**278**		mg/kg dry	0.719	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**272**		mg/kg dry	1.44	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1550**		mg/kg dry	7.19	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.60	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.719	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**191**		mg/kg dry	71.9	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.60	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.1**		mg/kg dry	1.44	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**34.8**		mg/kg dry	3.60	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB13_18-20 **York Sample ID:** 20E0055-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:20 pm	05/04/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.246**		mg/kg dry	0.0432	1	EPA 7473	05/05/2020 10:40	05/05/2020 15:49	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.719	1	EPA 7196A	05/05/2020 08:32	05/05/2020 12:06	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**40.9**		mg/kg	0.500	1	Calculation	05/08/2020 14:09	05/08/2020 14:10	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.719	1	EPA 9014/9010C	05/05/2020 08:50	05/05/2020 14:22	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.5**		%	0.100	1	SM 2540G	05/05/2020 08:30	05/05/2020 11:06	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: **SODUP02_050420** **York Sample ID:** **20E0055-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.037**	CCV-E	mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.12**	CCV-E, B	mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.024	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	05/05/2020 08:00	05/05/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	05/06/2020 13:42	05/07/2020 13:01	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.7 %*	*24-116*

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/05/2020 07:40	05/08/2020 16:16	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.375	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.0802**	J	ug/kg dry	0.0706	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**0.0834**	J	ug/kg dry	0.0488	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0332	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0827	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0469	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0641	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0549	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.125	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0804	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0466	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0801	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.112	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.112	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0985	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0501	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0528	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0549	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0707	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0274	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.196	0.536	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 00:49	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*66.2 %*	*25-150*
Surrogate: M5PFHxA	*63.8 %*	*25-150*
Surrogate: M4PFHpA	*88.9 %*	*25-150*
Surrogate: M3PFHxS	*70.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*69.5 %*	*25-150*
Surrogate: M6PFDA	*72.3 %*	*25-150*
Surrogate: M7PFUdA	*67.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*66.8 %*	*25-150*
Surrogate: M2PFTeDA	*59.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*89.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*67.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*62.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.3 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*71.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*78.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*73.7 %*	*25-150*
Surrogate: M2-8:2 FTS	*75.3 %*	*25-150*
Surrogate: M9PFNA	*76.1 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 15:27	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 15:27	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2020 07:44	05/07/2020 15:27	CM

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0372	5	EPA 8081B	05/06/2020 07:44	05/07/2020 15:27	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*114 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.9 %*	*30-150*

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:17	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	05/06/2020 07:44	05/06/2020 23:17	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	05/07/2020 07:49	05/07/2020 17:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*75.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5710**		mg/kg dry	5.66	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.70	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**34.1**		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2010**		mg/kg dry	5.66	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.566	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.92**		mg/kg dry	0.453	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.6**		mg/kg dry	2.26	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13000**		mg/kg dry	28.3	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.42**		mg/kg dry	0.566	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2770**		mg/kg dry	5.66	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**156**		mg/kg dry	0.566	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**66.0**		mg/kg dry	1.13	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1280**		mg/kg dry	5.66	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**218**		mg/kg dry	56.6	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	1.13	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**25.2**		mg/kg dry	2.83	1	EPA 6010D	05/05/2020 10:35	05/07/2020 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Information

Client Sample ID: SODUP02_050420 **York Sample ID:** 20E0055-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0055	170610601	Soil	May 4, 2020 12:00 am	05/04/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0340	1	EPA 7473	05/05/2020 10:40	05/05/2020 15:58	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.566	1	EPA 7196A	05/05/2020 08:32	05/05/2020 12:06	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.6**		mg/kg	0.500	1	Calculation	05/08/2020 14:09	05/08/2020 14:10	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.566	1	EPA 9014/9010C	05/05/2020 08:50	05/05/2020 14:22	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.4**		%	0.100	1	SM 2540G	05/05/2020 08:30	05/05/2020 11:06	TJM
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BE00118 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/05/20
20E0055-02	SB15_5-7	05/05/20
20E0055-03	SB15_18-20	05/05/20
20E0055-04	SB13_0-2	05/05/20
20E0055-05	SB13_5-7	05/05/20
20E0055-06	SB13_18-20	05/05/20
20E0055-07	SODUP02_050420	05/05/20
BE00118-BLK1	Blank	05/05/20
BE00118-BS1	LCS	05/05/20

Batch ID: BE00125 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/05/20
20E0055-02	SB15_5-7	05/05/20
20E0055-03	SB15_18-20	05/05/20
20E0055-04	SB13_0-2	05/05/20
20E0055-05	SB13_5-7	05/05/20
20E0055-06	SB13_18-20	05/05/20
20E0055-07	SODUP02_050420	05/05/20

Batch ID: BE00126 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/05/20
20E0055-02	SB15_5-7	05/05/20
20E0055-03	SB15_18-20	05/05/20
20E0055-04	SB13_0-2	05/05/20
20E0055-05	SB13_5-7	05/05/20
20E0055-06	SB13_18-20	05/05/20
20E0055-07	SODUP02_050420	05/05/20
BE00126-BLK1	Blank	05/05/20
BE00126-SRM1	Reference	05/05/20

Batch ID: BE00127 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/05/20
20E0055-02	SB15_5-7	05/05/20
20E0055-03	SB15_18-20	05/05/20
20E0055-04	SB13_0-2	05/05/20
20E0055-05	SB13_5-7	05/05/20
20E0055-06	SB13_18-20	05/05/20
20E0055-07	SODUP02_050420	05/05/20

BE00127-BLK1	Blank	05/05/20
BE00127-SRM1	Reference	05/05/20

Batch ID: BE00129 **Preparation Method:** EPA 5035A **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/05/20
20E0055-02	SB15_5-7	05/05/20
20E0055-03	SB15_18-20	05/05/20
20E0055-04	SB13_0-2	05/05/20
20E0055-05	SB13_5-7	05/05/20
20E0055-06	SB13_18-20	05/05/20
20E0055-07	SODUP02_050420	05/05/20
BE00129-BLK1	Blank	05/05/20
BE00129-BLK2	Blank	05/05/20
BE00129-BLK3	Blank	05/05/20
BE00129-BS1	LCS	05/05/20
BE00129-BSD1	LCS Dup	05/05/20

Batch ID: BE00139 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/05/20
20E0055-02	SB15_5-7	05/05/20
20E0055-03	SB15_18-20	05/05/20
20E0055-04	SB13_0-2	05/05/20
20E0055-05	SB13_5-7	05/05/20
20E0055-06	SB13_18-20	05/05/20
20E0055-07	SODUP02_050420	05/05/20
BE00139-BLK1	Blank	05/05/20
BE00139-SRM1	Reference	05/05/20

Batch ID: BE00140 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/05/20
20E0055-02	SB15_5-7	05/05/20
20E0055-03	SB15_18-20	05/05/20
20E0055-04	SB13_0-2	05/05/20
20E0055-05	SB13_5-7	05/05/20
20E0055-06	SB13_18-20	05/05/20
20E0055-07	SODUP02_050420	05/05/20
BE00140-BLK1	Blank	05/05/20
BE00140-SRM1	Reference	05/05/20

Batch ID: BE00153 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/05/20

BE00153-BLK1	Blank	05/05/20
BE00153-BS1	LCS	05/05/20

Batch ID: BE00169 **Preparation Method:** EPA 3550C/8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/06/20
20E0055-02	SB15_5-7	05/06/20
20E0055-03	SB15_18-20	05/06/20
BE00169-BLK1	Blank	05/06/20
BE00169-BS1	LCS	05/06/20

Batch ID: BE00171 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/06/20
20E0055-01	SB15_0-2	05/06/20
20E0055-02	SB15_5-7	05/06/20
20E0055-02	SB15_5-7	05/06/20
20E0055-03	SB15_18-20	05/06/20
20E0055-03	SB15_18-20	05/06/20
20E0055-04	SB13_0-2	05/06/20
20E0055-04	SB13_0-2	05/06/20
20E0055-05	SB13_5-7	05/06/20
20E0055-05	SB13_5-7	05/06/20
20E0055-06	SB13_18-20	05/06/20
20E0055-06	SB13_18-20	05/06/20
20E0055-07	SODUP02_050420	05/06/20
20E0055-07	SODUP02_050420	05/06/20
BE00171-BLK1	Blank	05/06/20
BE00171-BLK2	Blank	05/06/20
BE00171-BS1	LCS	05/06/20
BE00171-BS2	LCS	05/06/20

Batch ID: BE00215 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-02	SB15_5-7	05/06/20
20E0055-03	SB15_18-20	05/06/20
20E0055-04	SB13_0-2	05/06/20
20E0055-05	SB13_5-7	05/06/20
20E0055-06	SB13_18-20	05/06/20
20E0055-07	SODUP02_050420	05/06/20
BE00215-BLK1	Blank	05/06/20
BE00215-BS1	LCS	05/06/20

Batch ID: BE00236 **Preparation Method:** EPA 3550C/8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date

20E0055-04	SB13_0-2	05/07/20
20E0055-05	SB13_5-7	05/07/20
20E0055-06	SB13_18-20	05/07/20
20E0055-07	SODUP02_050420	05/07/20
BE00236-BLK1	Blank	05/07/20
BE00236-BS1	LCS	05/07/20

Batch ID: BE00332 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/08/20
20E0055-02	SB15_5-7	05/08/20
20E0055-03	SB15_18-20	05/08/20
20E0055-04	SB13_0-2	05/08/20
20E0055-05	SB13_5-7	05/08/20
20E0055-06	SB13_18-20	05/08/20
20E0055-07	SODUP02_050420	05/08/20

Batch ID: BE00385 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** KT

YORK Sample ID	Client Sample ID	Preparation Date
20E0055-01	SB15_0-2	05/11/20
20E0055-02	SB15_5-7	05/11/20
20E0055-03	SB15_18-20	05/11/20
20E0055-04	SB13_0-2	05/11/20
20E0055-05	SB13_5-7	05/11/20
20E0055-06	SB13_18-20	05/11/20
20E0055-07	SODUP02_050420	05/11/20
BE00385-BLK1	Blank	05/11/20
BE00385-BS1	LCS	05/11/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00129 - EPA 5035A											
Blank (BE00129-BLK1) Blank									Prepared & Analyzed: 05/05/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00129 - EPA 5035A											
Blank (BE00129-BLK1) Blank									Prepared & Analyzed: 05/05/2020		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*ug/L*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*76-130*				
Blank (BE00129-BLK2) Blank									Prepared & Analyzed: 05/05/2020		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00129 - EPA 5035A											
Blank (BE00129-BLK2) Blank									Prepared & Analyzed: 05/05/2020		
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*ug/L*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00129 - EPA 5035A											
Blank (BE00129-BLK3) Holding Blank - 20E0055									Prepared & Analyzed: 05/05/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.020	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0092	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

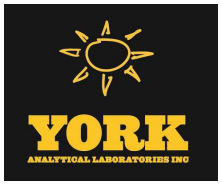
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00129 - EPA 5035A											
Blank (BE00129-BLK3) Holding Blank - 20E0055								Prepared & Analyzed: 05/05/2020			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*76-130*				
LCS (BE00129-BS1) LCS								Prepared & Analyzed: 05/05/2020			
1,1,1,2-Tetrachloroethane	52.6		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	54.0		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	57.7		"	50.0		115	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.0		"	50.0		114	58-146				
1,1,2-Trichloroethane	51.9		"	50.0		104	83-123				
1,1-Dichloroethane	51.7		"	50.0		103	75-130				
1,1-Dichloroethylene	52.4		"	50.0		105	64-137				
1,2,3-Trichlorobenzene	54.6		"	50.0		109	81-140				
1,2,3-Trichloropropane	53.8		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	55.7		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	54.6		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	54.4		"	50.0		109	74-142				
1,2-Dibromoethane	51.9		"	50.0		104	86-123				
1,2-Dichlorobenzene	53.7		"	50.0		107	85-122				
1,2-Dichloroethane	54.2		"	50.0		108	71-133				
1,2-Dichloropropane	53.2		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	53.4		"	50.0		107	82-126				
1,3-Dichlorobenzene	52.5		"	50.0		105	84-124				
1,4-Dichlorobenzene	53.2		"	50.0		106	84-124				
1,4-Dioxane	992		"	1050		94.5	10-228				
2-Butanone	56.5		"	50.0		113	58-147				
2-Hexanone	55.2		"	50.0		110	70-139				
4-Methyl-2-pentanone	56.5		"	50.0		113	72-132				
Acetone	43.7		"	50.0		87.4	36-155				
Acrolein	52.0		"	50.0		104	10-238				
Acrylonitrile	54.6		"	50.0		109	66-141				
Benzene	54.3		"	50.0		109	77-127				
Bromochloromethane	55.4		"	50.0		111	74-129				
Bromodichloromethane	53.0		"	50.0		106	81-124				
Bromoform	48.8		"	50.0		97.6	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00129 - EPA 5035A											
LCS (BE00129-BS1) LCS							Prepared & Analyzed: 05/05/2020				
Bromomethane	71.0		ug/L	50.0		142	32-177				
Carbon disulfide	48.9		"	50.0		97.8	10-136				
Carbon tetrachloride	51.4		"	50.0		103	66-143				
Chlorobenzene	52.0		"	50.0		104	86-120				
Chloroethane	57.1		"	50.0		114	51-142				
Chloroform	53.4		"	50.0		107	76-131				
Chloromethane	50.1		"	50.0		100	49-132				
cis-1,2-Dichloroethylene	53.3		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	52.1		"	50.0		104	81-129				
Cyclohexane	56.1		"	50.0		112	70-130				
Dibromochloromethane	53.7		"	50.0		107	10-200				
Dibromomethane	52.5		"	50.0		105	83-124				
Dichlorodifluoromethane	53.4		"	50.0		107	28-158				
Ethyl Benzene	53.2		"	50.0		106	84-125				
Hexachlorobutadiene	53.7		"	50.0		107	83-133				
Isopropylbenzene	52.7		"	50.0		105	81-127				
Methyl acetate	51.0		"	50.0		102	41-143				
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131				
Methylcyclohexane	55.1		"	50.0		110	70-130				
Methylene chloride	50.7		"	50.0		101	57-141				
n-Butylbenzene	55.7		"	50.0		111	80-130				
n-Propylbenzene	54.4		"	50.0		109	74-136				
o-Xylene	53.2		"	50.0		106	83-123				
p- & m- Xylenes	109		"	100		109	82-128				
p-Isopropyltoluene	55.4		"	50.0		111	85-125				
sec-Butylbenzene	57.5		"	50.0		115	83-125				
Styrene	53.3		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	249		"	250		99.5	70-130				
tert-Butylbenzene	53.0		"	50.0		106	80-127				
Tetrachloroethylene	48.6		"	50.0		97.1	80-129				
Toluene	53.6		"	50.0		107	85-121				
trans-1,2-Dichloroethylene	54.3		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	51.6		"	50.0		103	78-132				
Trichloroethylene	52.9		"	50.0		106	84-123				
Trichlorofluoromethane	54.8		"	50.0		110	62-140				
Vinyl Chloride	54.1		"	50.0		108	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

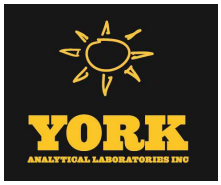
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00129 - EPA 5035A											
LCS Dup (BE00129-BSD1) LCS Dup							Prepared & Analyzed: 05/05/2020				
1,1,1,2-Tetrachloroethane	51.6		ug/L	50.0		103	75-129		1.77	30	
1,1,1-Trichloroethane	54.8		"	50.0		110	71-137		1.49	30	
1,1,2,2-Tetrachloroethane	57.7		"	50.0		115	79-129		0.104	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.1		"	50.0		116	58-146		1.88	30	
1,1,2-Trichloroethane	52.8		"	50.0		106	83-123		1.60	30	
1,1-Dichloroethane	52.1		"	50.0		104	75-130		0.847	30	
1,1-Dichloroethylene	52.3		"	50.0		105	64-137		0.210	30	
1,2,3-Trichlorobenzene	54.6		"	50.0		109	81-140		0.0183	30	
1,2,3-Trichloropropane	53.5		"	50.0		107	81-126		0.597	30	
1,2,4-Trichlorobenzene	56.5		"	50.0		113	80-141		1.37	30	
1,2,4-Trimethylbenzene	54.4		"	50.0		109	84-125		0.330	30	
1,2-Dibromo-3-chloropropane	55.9		"	50.0		112	74-142		2.76	30	
1,2-Dibromoethane	51.8		"	50.0		104	86-123		0.309	30	
1,2-Dichlorobenzene	54.2		"	50.0		108	85-122		0.946	30	
1,2-Dichloroethane	54.1		"	50.0		108	71-133		0.222	30	
1,2-Dichloropropane	53.1		"	50.0		106	81-122		0.320	30	
1,3,5-Trimethylbenzene	53.5		"	50.0		107	82-126		0.224	30	
1,3-Dichlorobenzene	52.8		"	50.0		106	84-124		0.513	30	
1,4-Dichlorobenzene	53.1		"	50.0		106	84-124		0.151	30	
1,4-Dioxane	1040		"	1050		98.9	10-228		4.49	30	
2-Butanone	54.1		"	50.0		108	58-147		4.45	30	
2-Hexanone	54.8		"	50.0		110	70-139		0.746	30	
4-Methyl-2-pentanone	56.1		"	50.0		112	72-132		0.711	30	
Acetone	42.0		"	50.0		84.1	36-155		3.80	30	
Acrolein	53.4		"	50.0		107	10-238		2.60	30	
Acrylonitrile	54.9		"	50.0		110	66-141		0.420	30	
Benzene	54.4		"	50.0		109	77-127		0.166	30	
Bromochloromethane	56.8		"	50.0		114	74-129		2.55	30	
Bromodichloromethane	53.5		"	50.0		107	81-124		0.958	30	
Bromoform	49.4		"	50.0		98.7	80-136		1.20	30	
Bromomethane	68.1		"	50.0		136	32-177		4.18	30	
Carbon disulfide	48.7		"	50.0		97.5	10-136		0.348	30	
Carbon tetrachloride	52.2		"	50.0		104	66-143		1.56	30	
Chlorobenzene	52.2		"	50.0		104	86-120		0.288	30	
Chloroethane	57.7		"	50.0		115	51-142		0.976	30	
Chloroform	54.4		"	50.0		109	76-131		1.74	30	
Chloromethane	49.7		"	50.0		99.4	49-132		0.821	30	
cis-1,2-Dichloroethylene	54.3		"	50.0		109	74-132		1.71	30	
cis-1,3-Dichloropropylene	52.8		"	50.0		106	81-129		1.35	30	
Cyclohexane	56.4		"	50.0		113	70-130		0.480	30	
Dibromochloromethane	53.8		"	50.0		108	10-200		0.260	30	
Dibromomethane	52.7		"	50.0		105	83-124		0.304	30	
Dichlorodifluoromethane	53.7		"	50.0		107	28-158		0.560	30	
Ethyl Benzene	53.9		"	50.0		108	84-125		1.27	30	
Hexachlorobutadiene	53.0		"	50.0		106	83-133		1.39	30	
Isopropylbenzene	52.6		"	50.0		105	81-127		0.247	30	
Methyl acetate	51.6		"	50.0		103	41-143		1.27	30	
Methyl tert-butyl ether (MTBE)	54.4		"	50.0		109	74-131		1.31	30	
Methylcyclohexane	54.6		"	50.0		109	70-130		1.02	30	
Methylene chloride	51.1		"	50.0		102	57-141		0.727	30	
n-Butylbenzene	54.9		"	50.0		110	80-130		1.41	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00129 - EPA 5035A											
LCS Dup (BE00129-BSD1) LCS Dup									Prepared & Analyzed: 05/05/2020		
n-Propylbenzene	53.9		ug/L	50.0		108	74-136		0.923	30	
o-Xylene	52.8		"	50.0		106	83-123		0.660	30	
p- & m- Xylenes	110		"	100		110	82-128		1.12	30	
p-Isopropyltoluene	55.5		"	50.0		111	85-125		0.0722	30	
sec-Butylbenzene	57.5		"	50.0		115	83-125		0.0174	30	
Styrene	53.8		"	50.0		108	86-126		0.915	30	
tert-Butyl alcohol (TBA)	253		"	250		101	70-130		1.65	30	
tert-Butylbenzene	53.5		"	50.0		107	80-127		0.938	30	
Tetrachloroethylene	48.8		"	50.0		97.5	80-129		0.452	30	
Toluene	53.5		"	50.0		107	85-121		0.280	30	
trans-1,2-Dichloroethylene	55.5		"	50.0		111	72-132		2.04	30	
trans-1,3-Dichloropropylene	51.3		"	50.0		103	78-132		0.467	30	
Trichloroethylene	52.9		"	50.0		106	84-123		0.113	30	
Trichlorofluoromethane	54.6		"	50.0		109	62-140		0.457	30	
Vinyl Chloride	54.8		"	50.0		110	52-130		1.38	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE00153 - EPA 3550C

Blank (BE00153-BLK1) Blank — Prepared: 05/05/2020 Analyzed: 05/06/2020

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"
Caprolactam	ND	0.0830	"
Carbazole	ND	0.0416	"
Chrysene	ND	0.0416	"
Dibenzo(a,h)anthracene	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
Blank (BE00153-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/06/2020		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.22*		"	*1.66*		*73.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.20*		"	*1.66*		*72.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.801*		"	*0.831*		*96.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.666*		"	*0.831*		*80.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.45*		"	*1.66*		*87.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.807*		"	*0.831*		*97.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
LCS (BE00153-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,1-Biphenyl	0.591	0.0416	mg/kg wet	0.831		71.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.702	0.0830	"	0.831		84.5	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.629	0.0416	"	0.831		75.7	17-137				
2,3,4,6-Tetrachlorophenol	0.567	0.0830	"	0.831		68.3	30-130				
2,4,5-Trichlorophenol	0.577	0.0416	"	0.831		69.4	27-118				
2,4,6-Trichlorophenol	0.622	0.0416	"	0.831		74.8	31-120				
2,4-Dichlorophenol	0.665	0.0416	"	0.831		80.1	20-127				
2,4-Dimethylphenol	0.595	0.0416	"	0.831		71.6	14-132				
2,4-Dinitrophenol	0.872	0.0830	"	0.831		105	10-171				
2,4-Dinitrotoluene	0.803	0.0416	"	0.831		96.7	34-131				
2,6-Dinitrotoluene	0.860	0.0416	"	0.831		104	31-128				
2-Chloronaphthalene	0.581	0.0416	"	0.831		69.9	31-117				
2-Chlorophenol	0.603	0.0416	"	0.831		72.6	33-113				
2-Methylnaphthalene	0.677	0.0416	"	0.831		81.5	12-138				
2-Methylphenol	0.540	0.0416	"	0.831		65.0	10-136				
2-Nitroaniline	0.849	0.0830	"	0.831		102	27-132				
2-Nitrophenol	0.755	0.0416	"	0.831		90.9	17-129				
3- & 4-Methylphenols	0.486	0.0416	"	0.831		58.6	29-103				
3,3-Dichlorobenzidine	0.795	0.0416	"	0.831		95.7	22-149				
3-Nitroaniline	0.706	0.0830	"	0.831		85.0	20-133				
4,6-Dinitro-2-methylphenol	0.938	0.0830	"	0.831		113	10-143				
4-Bromophenyl phenyl ether	0.591	0.0416	"	0.831		71.2	29-120				
4-Chloro-3-methylphenol	0.640	0.0416	"	0.831		77.0	24-129				
4-Chloroaniline	0.418	0.0416	"	0.831		50.4	10-132				
4-Chlorophenyl phenyl ether	0.614	0.0416	"	0.831		73.9	27-124				
4-Nitroaniline	0.828	0.0830	"	0.831		99.7	16-128				
4-Nitrophenol	0.605	0.0830	"	0.831		72.9	10-141				
Acenaphthene	0.575	0.0416	"	0.831		69.2	30-121				
Acenaphthylene	0.572	0.0416	"	0.831		68.9	30-115				
Acetophenone	0.601	0.0416	"	0.831		72.3	20-112				
Aniline	0.570	0.166	"	0.831		68.7	10-119				
Anthracene	0.631	0.0416	"	0.831		75.9	34-118				
Atrazine	0.640	0.0416	"	0.831		77.1	26-112				
Benzaldehyde	0.600	0.0416	"	0.831		72.3	21-100				
Benzo(a)anthracene	0.625	0.0416	"	0.831		75.3	32-122				
Benzo(a)pyrene	0.628	0.0416	"	0.831		75.6	29-133				
Benzo(b)fluoranthene	0.648	0.0416	"	0.831		78.0	25-133				
Benzo(g,h,i)perylene	0.618	0.0416	"	0.831		74.4	10-143				
Benzo(k)fluoranthene	0.623	0.0416	"	0.831		75.0	25-128				
Benzoic acid	0.592	0.0416	"	0.831		71.2	10-140				
Benzyl alcohol	0.681	0.0416	"	0.831		82.0	30-115				
Benzyl butyl phthalate	0.652	0.0416	"	0.831		78.5	26-126				
Bis(2-chloroethoxy)methane	0.613	0.0416	"	0.831		73.8	19-132				
Bis(2-chloroethyl)ether	0.580	0.0416	"	0.831		69.8	19-125				
Bis(2-chloroisopropyl)ether	0.619	0.0416	"	0.831		74.6	20-135				
Bis(2-ethylhexyl)phthalate	0.644	0.0416	"	0.831		77.5	10-155				
Caprolactam	0.644	0.0830	"	0.831		77.6	10-127				
Carbazole	0.625	0.0416	"	0.831		75.3	35-123				
Chrysene	0.620	0.0416	"	0.831		74.6	32-123				
Dibenzo(a,h)anthracene	0.700	0.0416	"	0.831		84.3	10-136				
Dibenzofuran	0.609	0.0416	"	0.831		73.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00153 - EPA 3550C											
LCS (BE00153-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/06/2020		
Diethyl phthalate	0.583	0.0416	mg/kg wet	0.831		70.2	34-116				
Dimethyl phthalate	0.606	0.0416	"	0.831		72.9	35-124				
Di-n-butyl phthalate	0.634	0.0416	"	0.831		76.4	31-116				
Di-n-octyl phthalate	0.716	0.0416	"	0.831		86.2	26-136				
Diphenylamine	0.731	0.0830	"	0.831		88.0	40-140				
Fluoranthene	0.631	0.0416	"	0.831		76.0	33-122				
Fluorene	0.606	0.0416	"	0.831		73.0	29-123				
Hexachlorobenzene	0.617	0.0416	"	0.831		74.2	21-124				
Hexachlorobutadiene	0.627	0.0416	"	0.831		75.4	10-149				
Hexachlorocyclopentadiene	0.531	0.0416	"	0.831		64.0	10-129				
Hexachloroethane	0.603	0.0416	"	0.831		72.6	28-108				
Indeno(1,2,3-cd)pyrene	0.655	0.0416	"	0.831		78.9	10-135				
Isophorone	0.637	0.0416	"	0.831		76.7	20-132				
Naphthalene	0.630	0.0416	"	0.831		75.8	23-124				
Nitrobenzene	0.663	0.0416	"	0.831		79.8	13-132				
N-Nitrosodimethylamine	0.583	0.0416	"	0.831		70.2	11-129				
N-nitroso-di-n-propylamine	0.563	0.0416	"	0.831		67.8	24-119				
N-Nitrosodiphenylamine	0.715	0.0416	"	0.831		86.0	22-152				
Pentachlorophenol	0.557	0.0416	"	0.831		67.1	10-139				
Phenanthrene	0.631	0.0416	"	0.831		76.0	33-123				
Phenol	0.642	0.0416	"	0.831		77.3	23-115				
Pyrene	0.617	0.0416	"	0.831		74.3	32-130				
Pyridine	0.507	0.166	"	0.831		61.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.18*		"	*1.66*		*71.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.22*		"	*1.66*		*73.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.758*		"	*0.831*		*91.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.600*		"	*0.831*		*72.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.39*		"	*1.66*		*83.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.707*		"	*0.831*		*85.1*	*24-116*				

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

Batch BE00215 - EPA 3550C

Blank (BE00215-BLK1) Blank — Prepared: 05/06/2020 Analyzed: 05/07/2020

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"
Caprolactam	ND	0.0830	"
Carbazole	ND	0.0416	"
Chrysene	ND	0.0416	"
Dibenzo(a,h)anthracene	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00215 - EPA 3550C											
Blank (BE00215-BLK1) Blank									Prepared: 05/06/2020 Analyzed: 05/07/2020		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.746*		"	*1.66*		*44.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.733*		"	*1.66*		*44.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.489*		"	*0.831*		*58.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.379*		"	*0.831*		*45.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.864*		"	*1.66*		*52.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.465*		"	*0.831*		*56.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00215 - EPA 3550C											
LCS (BE00215-BS1) LCS									Prepared: 05/06/2020 Analyzed: 05/07/2020		
1,1-Biphenyl	0.411	0.0416	mg/kg wet	0.831		49.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.489	0.0830	"	0.831		58.9	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.452	0.0416	"	0.831		54.5	17-137				
2,3,4,6-Tetrachlorophenol	0.377	0.0830	"	0.831		45.4	30-130				
2,4,5-Trichlorophenol	0.387	0.0416	"	0.831		46.6	27-118				
2,4,6-Trichlorophenol	0.419	0.0416	"	0.831		50.4	31-120				
2,4-Dichlorophenol	0.457	0.0416	"	0.831		55.0	20-127				
2,4-Dimethylphenol	0.414	0.0416	"	0.831		49.8	14-132				
2,4-Dinitrophenol	0.532	0.0830	"	0.831		64.1	10-171				
2,4-Dinitrotoluene	0.552	0.0416	"	0.831		66.4	34-131				
2,6-Dinitrotoluene	0.604	0.0416	"	0.831		72.7	31-128				
2-Chloronaphthalene	0.413	0.0416	"	0.831		49.7	31-117				
2-Chlorophenol	0.431	0.0416	"	0.831		51.8	33-113				
2-Methylnaphthalene	0.474	0.0416	"	0.831		57.1	12-138				
2-Methylphenol	0.369	0.0416	"	0.831		44.4	10-136				
2-Nitroaniline	0.595	0.0830	"	0.831		71.6	27-132				
2-Nitrophenol	0.521	0.0416	"	0.831		62.7	17-129				
3- & 4-Methylphenols	0.347	0.0416	"	0.831		41.7	29-103				
3,3-Dichlorobenzidine	0.597	0.0416	"	0.831		71.9	22-149				
3-Nitroaniline	0.476	0.0830	"	0.831		57.3	20-133				
4,6-Dinitro-2-methylphenol	0.620	0.0830	"	0.831		74.6	10-143				
4-Bromophenyl phenyl ether	0.427	0.0416	"	0.831		51.4	29-120				
4-Chloro-3-methylphenol	0.450	0.0416	"	0.831		54.2	24-129				
4-Chloroaniline	0.305	0.0416	"	0.831		36.7	10-132				
4-Chlorophenyl phenyl ether	0.426	0.0416	"	0.831		51.3	27-124				
4-Nitroaniline	0.604	0.0830	"	0.831		72.7	16-128				
4-Nitrophenol	0.468	0.0830	"	0.831		56.4	10-141				
Acenaphthene	0.414	0.0416	"	0.831		49.8	30-121				
Acenaphthylene	0.409	0.0416	"	0.831		49.3	30-115				
Acetophenone	0.420	0.0416	"	0.831		50.6	20-112				
Aniline	0.396	0.166	"	0.831		47.7	10-119				
Anthracene	0.444	0.0416	"	0.831		53.4	34-118				
Atrazine	0.493	0.0416	"	0.831		59.4	26-112				
Benzaldehyde	0.424	0.0416	"	0.831		51.0	21-100				
Benzo(a)anthracene	0.470	0.0416	"	0.831		56.6	32-122				
Benzo(a)pyrene	0.483	0.0416	"	0.831		58.1	29-133				
Benzo(b)fluoranthene	0.501	0.0416	"	0.831		60.3	25-133				
Benzo(g,h,i)perylene	0.478	0.0416	"	0.831		57.6	10-143				
Benzo(k)fluoranthene	0.482	0.0416	"	0.831		58.0	25-128				
Benzoic acid	0.129	0.0416	"	0.831		15.5	10-140				
Benzyl alcohol	0.468	0.0416	"	0.831		56.4	30-115				
Benzyl butyl phthalate	0.486	0.0416	"	0.831		58.5	26-126				
Bis(2-chloroethoxy)methane	0.424	0.0416	"	0.831		51.1	19-132				
Bis(2-chloroethyl)ether	0.407	0.0416	"	0.831		49.0	19-125				
Bis(2-chloroisopropyl)ether	0.453	0.0416	"	0.831		54.6	20-135				
Bis(2-ethylhexyl)phthalate	0.497	0.0416	"	0.831		59.9	10-155				
Caprolactam	0.415	0.0830	"	0.831		50.0	10-127				
Carbazole	0.466	0.0416	"	0.831		56.1	35-123				
Chrysene	0.468	0.0416	"	0.831		56.4	32-123				
Dibenzo(a,h)anthracene	0.543	0.0416	"	0.831		65.4	10-136				
Dibenzofuran	0.433	0.0416	"	0.831		52.2	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

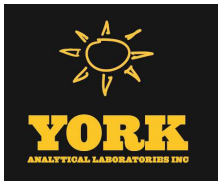
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00215 - EPA 3550C											
LCS (BE00215-BS1) LCS									Prepared: 05/06/2020 Analyzed: 05/07/2020		
Diethyl phthalate	0.417	0.0416	mg/kg wet	0.831		50.2	34-116				
Dimethyl phthalate	0.422	0.0416	"	0.831		50.8	35-124				
Di-n-butyl phthalate	0.491	0.0416	"	0.831		59.1	31-116				
Di-n-octyl phthalate	0.553	0.0416	"	0.831		66.6	26-136				
Diphenylamine	0.523	0.0830	"	0.831		63.0	40-140				
Fluoranthene	0.481	0.0416	"	0.831		58.0	33-122				
Fluorene	0.424	0.0416	"	0.831		51.0	29-123				
Hexachlorobenzene	0.481	0.0416	"	0.831		57.9	21-124				
Hexachlorobutadiene	0.427	0.0416	"	0.831		51.4	10-149				
Hexachlorocyclopentadiene	0.359	0.0416	"	0.831		43.3	10-129				
Hexachloroethane	0.419	0.0416	"	0.831		50.4	28-108				
Indeno(1,2,3-cd)pyrene	0.513	0.0416	"	0.831		61.7	10-135				
Isophorone	0.434	0.0416	"	0.831		52.2	20-132				
Naphthalene	0.435	0.0416	"	0.831		52.4	23-124				
Nitrobenzene	0.475	0.0416	"	0.831		57.2	13-132				
N-Nitrosodimethylamine	0.421	0.0416	"	0.831		50.7	11-129				
N-nitroso-di-n-propylamine	0.416	0.0416	"	0.831		50.0	24-119				
N-Nitrosodiphenylamine	0.516	0.0416	"	0.831		62.2	22-152				
Pentachlorophenol	0.373	0.0416	"	0.831		44.9	10-139				
Phenanthrene	0.459	0.0416	"	0.831		55.2	33-123				
Phenol	0.455	0.0416	"	0.831		54.8	23-115				
Pyrene	0.455	0.0416	"	0.831		54.8	32-130				
Pyridine	0.360	0.166	"	0.831		43.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.844*		"	*1.66*		*50.8*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.848*		"	*1.66*		*51.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.513*		"	*0.831*		*61.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.419*		"	*0.831*		*50.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.981*		"	*1.66*		*59.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.510*		"	*0.831*		*61.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00118 - EPA 3550C											
Blank (BE00118-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,4-Dioxane	ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8	*356*		*"*	*495*		*72.0*	*39-83.1*				
LCS (BE00118-BS1) LCS									Prepared: 05/05/2020 Analyzed: 05/06/2020		
1,4-Dioxane	455	9.90	ug/kg	495		92.0	40-130				
Surrogate: 1,4-Dioxane-d8	*624*		*"*	*495*		*126*	*39-83.1*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00385 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BE00385-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	0.495	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	0.0790	0.495	"								
Perfluoroheptanoic acid (PFHpA)	0.108	0.495	"								
Perfluorohexanesulfonic acid (PFHxS)	0.105	0.495	"								
Perfluorooctanoic acid (PFOA)	0.245	0.495	"								
Perfluorooctanesulfonic acid (PFOS)	0.177	0.495	"								
Perfluorononanoic acid (PFNA)	0.175	0.495	"								
Perfluorodecanoic acid (PFDA)	0.194	0.495	"								
Perfluoroundecanoic acid (PFUnA)	0.172	0.495	"								
Perfluorododecanoic acid (PFDoA)	0.162	0.495	"								
Perfluorotridecanoic acid (PFTrDA)	0.162	0.495	"								
Perfluorotetradecanoic acid (PFTA)	0.164	0.495	"								
N-MeFOSAA	0.202	0.495	"								
N-EtFOSAA	0.225	0.495	"								
Perfluoropentanoic acid (PFPeA)	ND	0.495	"								
Perfluoro-1-octanesulfonamide (FOSA)	0.240	0.495	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.212	0.495	"								
Perfluoro-1-decanesulfonic acid (PFDS)	0.179	0.495	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	0.143	0.495	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	0.334	0.495	"								
Perfluoro-n-butanoic acid (PFBA)	0.189	0.495	"								
Surrogate: M3PFBS	*3.02*		"	*4.60*		*65.8*	*25-150*				
Surrogate: M5PFHxA	*3.13*		"	*4.95*		*63.3*	*25-150*				
Surrogate: M4PFHpA	*4.39*		"	*4.95*		*88.7*	*25-150*				
Surrogate: M3PFHxS	*3.42*		"	*4.68*		*73.0*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.49*		"	*4.95*		*70.6*	*25-150*				
Surrogate: M6PFDA	*3.77*		"	*4.95*		*76.1*	*25-150*				
Surrogate: M7PFUdA	*3.45*		"	*4.95*		*69.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.48*		"	*4.95*		*70.3*	*25-150*				
Surrogate: M2PFTeDA	*3.32*		"	*4.95*		*67.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.31*		"	*4.95*		*87.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.46*		"	*4.73*		*73.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.13*		"	*4.95*		*63.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.36*		"	*4.95*		*68.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.69*		"	*4.95*		*74.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.89*		"	*4.95*		*78.7*	*25-150*				
Surrogate: M2-6:2 FTS	*3.90*		"	*4.69*		*83.0*	*25-150*				
Surrogate: M2-8:2 FTS	*3.99*		"	*4.74*		*84.3*	*25-150*				
Surrogate: M9PFNA	*4.04*		"	*4.95*		*81.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00385 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BE00385-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Perfluorobutanesulfonic acid (PFBS)	4.27	0.484	ug/kg wet	4.28		99.6	50-130				
Perfluorohexanoic acid (PFHxA)	5.09	0.484	"	4.84		105	50-130				
Perfluoroheptanoic acid (PFHpA)	3.45	0.484	"	4.84		71.2	50-130				
Perfluorohexanesulfonic acid (PFHxS)	3.27	0.484	"	3.58		91.2	50-130				
Perfluorooctanoic acid (PFOA)	4.61	0.484	"	4.84		95.2	50-130				
Perfluorooctanesulfonic acid (PFOS)	3.18	0.484	"	3.53		90.1	50-130				
Perfluorononanoic acid (PFNA)	4.24	0.484	"	4.65		91.2	50-130				
Perfluorodecanoic acid (PFDA)	4.69	0.484	"	4.84		97.0	50-130				
Perfluoroundecanoic acid (PFUnA)	4.44	0.484	"	4.84		91.8	50-130				
Perfluorododecanoic acid (PFDoA)	4.36	0.484	"	4.84		90.0	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.26	0.484	"	4.84		88.1	50-130				
Perfluorotetradecanoic acid (PFTA)	4.46	0.484	"	4.84		92.1	50-130				
N-MeFOSAA	4.37	0.484	"	4.84		90.3	50-130				
N-EtFOSAA	4.52	0.484	"	4.84		93.3	50-130				
Perfluoropentanoic acid (PFPeA)	4.44	0.484	"	4.84		91.7	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.54	0.484	"	4.84		93.7	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.94	0.484	"	4.82		103	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	3.79	0.484	"	4.67		81.1	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.01	0.484	"	4.60		87.2	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.14	0.484	"	4.65		111	50-130				
Perfluoro-n-butanoic acid (PFBA)	4.70	0.484	"	4.84		97.0	50-130				
Surrogate: M3PFBS	*2.96*		"	*4.50*		*65.8*	*25-150*				
Surrogate: M5PFHxA	*2.69*		"	*4.84*		*55.6*	*25-150*				
Surrogate: M4PFHpA	*4.18*		"	*4.84*		*86.3*	*25-150*				
Surrogate: M3PFHxS	*3.23*		"	*4.58*		*70.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.31*		"	*4.84*		*68.4*	*25-150*				
Surrogate: M6PFDA	*3.33*		"	*4.84*		*68.7*	*25-150*				
Surrogate: M7PFUdA	*3.26*		"	*4.84*		*67.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.26*		"	*4.84*		*67.3*	*25-150*				
Surrogate: M2PFTeDA	*3.19*		"	*4.84*		*65.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.25*		"	*4.84*		*87.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.18*		"	*4.63*		*68.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.95*		"	*4.84*		*61.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.28*		"	*4.84*		*67.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.65*		"	*4.84*		*75.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.60*		"	*4.84*		*74.3*	*25-150*				
Surrogate: M2-6:2 FTS	*4.12*		"	*4.59*		*89.6*	*25-150*				
Surrogate: M2-8:2 FTS	*3.57*		"	*4.64*		*77.1*	*25-150*				
Surrogate: M9PFNA	*3.59*		"	*4.84*		*74.1*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00171 - EPA 3550C											
Blank (BE00171-BLK1) Blank									Prepared: 05/06/2020 Analyzed: 05/07/2020		
4,4'-DDD	ND	0.00163	mg/kg wet								
4,4'-DDE	ND	0.00163	"								
4,4'-DDT	ND	0.00163	"								
Aldrin	ND	0.00163	"								
alpha-BHC	ND	0.00163	"								
alpha-Chlordane	ND	0.00163	"								
beta-BHC	ND	0.00163	"								
delta-BHC	ND	0.00163	"								
Dieldrin	ND	0.00163	"								
Endosulfan I	ND	0.00163	"								
Endosulfan II	ND	0.00163	"								
Endosulfan sulfate	ND	0.00163	"								
Endrin	ND	0.00163	"								
Endrin aldehyde	ND	0.00163	"								
Endrin ketone	ND	0.00163	"								
gamma-BHC (Lindane)	ND	0.00163	"								
gamma-Chlordane	ND	0.00163	"								
Heptachlor	ND	0.00163	"								
Heptachlor epoxide	ND	0.00163	"								
Methoxychlor	ND	0.00163	"								
Toxaphene	ND	0.163	"								
Chlordane, total	ND	0.0327	"								
Surrogate: Decachlorobiphenyl	*0.0606*		*"*	*0.0660*		*91.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0652*		*"*	*0.0660*		*98.7*	*30-150*				
LCS (BE00171-BS1) LCS									Prepared: 05/06/2020 Analyzed: 05/07/2020		
4,4'-DDD	0.0348	0.00163	mg/kg wet	0.0330		106	40-140				
4,4'-DDE	0.0341	0.00163	"	0.0330		103	40-140				
4,4'-DDT	0.0341	0.00163	"	0.0330		103	40-140				
Aldrin	0.0344	0.00163	"	0.0330		104	40-140				
alpha-BHC	0.0324	0.00163	"	0.0330		98.2	40-140				
alpha-Chlordane	0.0340	0.00163	"	0.0330		103	40-140				
beta-BHC	0.0329	0.00163	"	0.0330		99.6	40-140				
delta-BHC	0.0355	0.00163	"	0.0330		108	40-140				
Dieldrin	0.0347	0.00163	"	0.0330		105	40-140				
Endosulfan I	0.0344	0.00163	"	0.0330		104	40-140				
Endosulfan II	0.0338	0.00163	"	0.0330		102	40-140				
Endosulfan sulfate	0.0382	0.00163	"	0.0330		116	40-140				
Endrin	0.0357	0.00163	"	0.0330		108	40-140				
Endrin aldehyde	0.0360	0.00163	"	0.0330		109	40-140				
Endrin ketone	0.0361	0.00163	"	0.0330		109	40-140				
gamma-BHC (Lindane)	0.0343	0.00163	"	0.0330		104	40-140				
gamma-Chlordane	0.0335	0.00163	"	0.0330		102	40-140				
Heptachlor	0.0355	0.00163	"	0.0330		108	40-140				
Heptachlor epoxide	0.0351	0.00163	"	0.0330		106	40-140				
Methoxychlor	0.0364	0.00163	"	0.0330		110	40-140				
Surrogate: Decachlorobiphenyl	*0.0606*		*"*	*0.0660*		*91.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0648*		*"*	*0.0660*		*98.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-P Performance Mix										Prepared & Analyzed: 03/08/2020	
4,4'-DDD	4.80		ng/mL	0.00			0-200				
4,4'-DDE	0.964		"	0.00			0-200				
4,4'-DDT	206		"	200		103	0-200				
Endrin	98.0		"	100		98.0	0-200				
Endrin aldehyde	0.511		"	0.00			0-200				
Endrin ketone	3.00		"	0.00			0-200				
Batch Y0E0803 - BC00732											
Performance Mix (Y0E0803-P Performance Mix										Prepared & Analyzed: 05/07/2020	
4,4'-DDD	10.6		ng/mL	0.00			0-200				
4,4'-DDE	1.29		"	0.00			0-200				
4,4'-DDT	207		"	200		104	0-200				
Endrin	110		"	100		110	0-200				
Endrin aldehyde	1.06		"	0.00			0-200				
Endrin ketone	3.44		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00171 - EPA 3550C											
Blank (BE00171-BLK2) Blank								Prepared & Analyzed: 05/06/2020			
Aroclor 1016	ND	0.0165	mg/kg wet								
Aroclor 1221	ND	0.0165	"								
Aroclor 1232	ND	0.0165	"								
Aroclor 1242	ND	0.0165	"								
Aroclor 1248	ND	0.0165	"								
Aroclor 1254	ND	0.0165	"								
Aroclor 1260	ND	0.0165	"								
Total PCBs	ND	0.0165	"								
Surrogate: Tetrachloro-m-xylene	*0.0581*		*"*	*0.0660*		*88.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0578*		*"*	*0.0660*		*87.5*	*30-150*				
LCS (BE00171-BS2) LCS								Prepared & Analyzed: 05/06/2020			
Aroclor 1016	0.262	0.0165	mg/kg wet	0.330		79.3	40-140			30	
Aroclor 1260	0.307	0.0165	"	0.330		93.2	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0554*		*"*	*0.0660*		*84.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0535*		*"*	*0.0660*		*81.0*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00169 - EPA 3550C/8151A											
Blank (BE00169-BLK1) Blank									Prepared & Analyzed: 05/06/2020		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.538*		*"*	*0.498*		*108*	*21-150*				
LCS (BE00169-BS1) LCS									Prepared & Analyzed: 05/06/2020		
2,4,5-T	0.121	0.0199	mg/kg wet	0.159		75.6	10-120				
2,4,5-TP (Silvex)	0.140	0.0199	"	0.159		88.1	10-120				
2,4-D	0.134	0.0199	"	0.159		84.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.523*		*"*	*0.498*		*105*	*21-150*				
Batch BE00236 - EPA 3550C/8151A											
Blank (BE00236-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.608*		*"*	*0.498*		*122*	*21-150*				
LCS (BE00236-BS1) LCS									Prepared & Analyzed: 05/07/2020		
2,4,5-T	0.115	0.0199	mg/kg wet	0.159		71.9	10-120				
2,4,5-TP (Silvex)	0.133	0.0199	"	0.159		83.7	10-120				
2,4-D	0.128	0.0199	"	0.159		80.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.515*		*"*	*0.498*		*103*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00139 - EPA 3050B											
Blank (BE00139-BLK1) Blank									Prepared: 05/05/2020 Analyzed: 05/07/2020		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Reference (BE00139-SRM1) Reference									Prepared: 05/05/2020 Analyzed: 05/07/2020		
Aluminum	8060	5.00	mg/kg wet	8460		95.3	50.5-150.1				
Antimony	58.9	2.50	"	120		49.1	19-251.7				
Arsenic	94.4	1.50	"	95.5		98.8	70.1-129.8				
Barium	305	2.50	"	300		102	75-125				
Beryllium	108	0.050	"	103		105	75-125.2				
Cadmium	149	0.300	"	135		110	74.8-125.2				
Calcium	4730	5.00	"	4720		100	72.7-127.5				
Chromium	150	0.500	"	147		102	70.1-129.9				
Cobalt	48.9	0.400	"	43.2		113	75-125				
Copper	162	2.00	"	150		108	75.3-125.3				
Iron	12700	25.0	"	14400		88.1	35.8-164.6				
Lead	90.6	0.500	"	92.3		98.2	70-130				
Magnesium	2220	5.00	"	2300		96.4	61.7-137.8				
Manganese	716	0.500	"	677		106	78.1-122				
Nickel	75.4	1.00	"	59.8		126	70.1-130.1				
Potassium	1980	5.00	"	2030		97.6	59.1-140.9				
Selenium	29.3	2.50	"	42.0		69.8	55.7-144.5				
Silver	39.3	0.500	"	40.3		97.6	69.2-130.8				
Sodium	132	50.0	"	139		95.2	36.1-163.3				
Thallium	88.4	2.50	"	83.1		106	65.3-146.8				
Vanadium	92.1	1.00	"	96.9		95.0	67-133.1				
Zinc	366	2.50	"	369		99.1	69.9-130.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00140 - EPA 7473 soil											
Blank (BE00140-BLK1) Blank									Prepared & Analyzed: 05/05/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BE00140-SRM1) Reference									Prepared & Analyzed: 05/05/2020		
Mercury	3.8235		mg/kg	3.71		103	65-135				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00126 - EPA SW846-3060											
Blank (BE00126-BLK1) Blank									Prepared & Analyzed: 05/05/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BE00126-SRM1) Reference									Prepared & Analyzed: 05/05/2020		
Chromium, Hexavalent	91.5		mg/L	124		73.8	33.06-167.74				
Batch BE00127 - Analysis Preparation Soil											
Blank (BE00127-BLK1) Blank									Prepared & Analyzed: 05/05/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BE00127-SRM1) Reference									Prepared & Analyzed: 05/05/2020		
Cyanide, total	77.4		ug/mL	96.2		80.4	42.41-156.96				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0055-01	SB15_0-2	40mL Vial with Stir Bar-Cool 4° C
20E0055-02	SB15_5-7	40mL Vial with Stir Bar-Cool 4° C
20E0055-03	SB15_18-20	40mL Vial with Stir Bar-Cool 4° C
20E0055-04	SB13_0-2	40mL Vial with Stir Bar-Cool 4° C
20E0055-05	SB13_5-7	40mL Vial with Stir Bar-Cool 4° C
20E0055-06	SB13_18-20	40mL Vial with Stir Bar-Cool 4° C
20E0055-07	SODUP02_050420	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20E0055

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company: SAME
Address: 21 Penn Plaza 360 W 31st 8th Floor New York, NY 10001	Address:	Address: SAME
Phone: 212 479 5400	Phone:	Phone: SAME
Contact: Kim Semon	Contact: Dina Palazzolo	Contact: SAME
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: SAME

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay St

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

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

Ethan Smith

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); ~~NY EDD EQuIS~~; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SD15_0-2	S	5/4/2020 7:50	B11375, VOC, SVOC, PCB, Pest, Herb, Metals, Tri/Hex chromium, PFAS, 1,4-Dioxane	
SD15_5-7		8:25		
SD15_18-20		9:00		
SB13_0-2		11:10		
SB13_5-7		12:00		
SB13_18-20		12:20		
SDUP02_050420				

Comments: email cc: Datamanagment@langan.com

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Emmit Longan	5/4/2020	[signature]	5/4/20	[signature]	5/4/20 1924
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				K Blocker	5/4/20 1924 / 3.7 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/15/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0108

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

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

Report Date: 05/15/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0108

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 05, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20E0108-01	SB01_0-2	Soil	05/05/2020	05/05/2020
20E0108-02	SB01_6-8	Soil	05/05/2020	05/05/2020
20E0108-03	SB01_18-20	Soil	05/05/2020	05/05/2020
20E0108-04	SB02_0-2	Soil	05/05/2020	05/05/2020
20E0108-05	SB02_6-8	Soil	05/05/2020	05/05/2020
20E0108-06	SB02_18-20	Soil	05/05/2020	05/05/2020
20E0108-07	SB03_0-2	Soil	05/05/2020	05/05/2020
20E0108-08	SB03_6-8	Soil	05/05/2020	05/05/2020
20E0108-09	SB03_18-20	Soil	05/05/2020	05/05/2020

General Notes for York Project (SDG) No.: 20E0108

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

Approved By: 

Date: 05/15/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.078	0.16	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0039	0.039	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.023	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.576**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.983**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**2.17**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.209	0.417	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.41**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.209	0.417	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.16**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**2.84**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**4.45**		mg/kg dry	0.131	0.260	5	EPA 8270D	05/07/2020 14:21	05/12/2020 00:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.96**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**2.20**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.630**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.19**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1.15**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.91**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**1.17**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.59**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**1.90**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**1.81**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**2.58**		mg/kg dry	0.0522	0.104	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.209	0.417	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:07	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*69.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.2 %*	*24-116*

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/08/2020 21:07	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*42.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.407	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.0818**	J	ug/kg dry	0.0766	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.0615**	J	ug/kg dry	0.0529	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0360	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.467**	J	ug/kg dry	0.0897	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**1.85**		ug/kg dry	0.0509	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.0761**	J	ug/kg dry	0.0695	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.109**	J	ug/kg dry	0.0595	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.135	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0871	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0505	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0868	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.121	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.121	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.107	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0543	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0573	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0595	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0767	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0297	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.212	0.581	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:27	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*78.5 %*		*25-150*
Surrogate: M5PFHxA	*73.9 %*		*25-150*
Surrogate: M4PFHpA	*69.4 %*		*25-150*
Surrogate: M3PFHxS	*77.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*72.5 %*		*25-150*
Surrogate: M6PFDA	*77.0 %*		*25-150*
Surrogate: M7PFUdA	*67.1 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*63.7 %*		*25-150*
Surrogate: M2PFTeDA	*52.6 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*71.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*77.0 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*79.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*89.1 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*83.6 %*		*25-150*
Surrogate: M2-6:2 FTS	*382 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*419 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*81.8 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 09:14	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 09:14	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 09:14	CM

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.205	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0411	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:14	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.8 %*	*30-150*

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0207	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0207	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0207	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0207	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:30	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0246	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:09	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0246	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:09	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0246	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:09	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*72.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3670**		mg/kg dry	6.29	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.14	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.22**		mg/kg dry	1.89	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**47.5**		mg/kg dry	3.14	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.377	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2550**		mg/kg dry	6.29	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.9**		mg/kg dry	0.629	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.95**		mg/kg dry	0.503	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**68.3**		mg/kg dry	2.52	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**9860**		mg/kg dry	31.4	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**95.2**		mg/kg dry	0.629	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1100**		mg/kg dry	6.29	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**22.3**		mg/kg dry	0.629	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**21.9**		mg/kg dry	1.26	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**376**		mg/kg dry	6.29	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.14	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.629	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**245**		mg/kg dry	62.9	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.14	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.7**		mg/kg dry	1.26	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**84.3**		mg/kg dry	3.14	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 20E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:20 pm	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.207**		mg/kg dry	0.0377	1	EPA 7473	05/06/2020 08:52	05/06/2020 12:05	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.629	1	EPA 7196A	05/07/2020 08:31	05/07/2020 14:16	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.9**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.629	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.5**		%	0.100	1	SM 2540G	05/06/2020 11:14	05/07/2020 09:48	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: **SB01_6-8** **York Sample ID:** **20E0108-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.018**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.066**		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.026	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.214	0.428	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.214	0.428	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0615**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0547**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0589**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0923**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0837**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.214	0.428	2	EPA 8270D	05/07/2020 14:21	05/08/2020 16:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*53.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.0 %*	*24-116*

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/08/2020 21:24	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.441	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0831	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0573	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0391	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.124**	J	ug/kg dry	0.0973	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0552	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0754	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0645	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.147	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0945	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0548	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0941	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.132	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.131	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0589	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0621	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0645	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0832	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0323	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.283**	J	ug/kg dry	0.230	0.630	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 03:53	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*75.0 %*		*25-150*
Surrogate: M5PFHxA	*70.1 %*		*25-150*
Surrogate: M4PFHpA	*74.1 %*		*25-150*
Surrogate: M3PFHxS	*75.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*76.2 %*		*25-150*
Surrogate: M6PFDA	*75.6 %*		*25-150*
Surrogate: M7PFUdA	*67.6 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*59.9 %*		*25-150*
Surrogate: M2PFTeDA	*62.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*74.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*80.1 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*74.2 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.9 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*88.0 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*93.2 %*		*25-150*
Surrogate: M2-6:2 FTS	*450 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*265 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*76.2 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 09:31	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 09:31	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 09:31	CM

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0426	5	EPA 8081B	05/07/2020 07:58	05/08/2020 09:31	CM
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.0 %*	S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.2 %*		*30-150*

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0215	1	EPA 8082A	05/07/2020 07:58	05/07/2020 17:43	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.5 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.0 %*	S-GC	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0256	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:19	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0256	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:19	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0256	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:19	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*44.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12400**		mg/kg dry	6.47	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.86**		mg/kg dry	1.94	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**119**		mg/kg dry	3.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.388	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**5580**		mg/kg dry	6.47	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**85.5**		mg/kg dry	0.647	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**36.9**		mg/kg dry	0.518	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**69.1**		mg/kg dry	2.59	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**26800**		mg/kg dry	32.4	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**166**		mg/kg dry	0.647	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**22700**		mg/kg dry	6.47	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**529**		mg/kg dry	0.647	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**503**		mg/kg dry	1.29	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2230**		mg/kg dry	6.47	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.647	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**259**		mg/kg dry	64.7	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**32.1**		mg/kg dry	1.29	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**139**		mg/kg dry	3.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB01_6-8 **York Sample ID:** 20E0108-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:30 pm	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.05**		mg/kg dry	0.0388	1	EPA 7473	05/06/2020 08:52	05/06/2020 12:15	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.647	1	EPA 7196A	05/07/2020 08:31	05/07/2020 14:16	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**85.5**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.647	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.3**		%	0.100	1	SM 2540G	05/06/2020 11:14	05/07/2020 09:48	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.085	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0063**	J	mg/kg dry	0.0043	0.0085	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.021	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0769**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0619**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0520**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0944	0.188	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.131**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.0837**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.247**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0792**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:06	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*59.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.0 %*	*24-116*

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/08/2020 21:58	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.387	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0729	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0503	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0343	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.107**	J	ug/kg dry	0.0854	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0484	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0661	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0566	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.129	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0829	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0481	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0826	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.115	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.115	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.102	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0516	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0545	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0566	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0730	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0283	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.202	0.553	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 04:20	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*72.0 %*		*25-150*
Surrogate: M5PFHxA	*69.2 %*		*25-150*
Surrogate: M4PFHpA	*73.5 %*		*25-150*
Surrogate: M3PFHxS	*71.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*74.0 %*		*25-150*
Surrogate: M6PFDA	*71.0 %*		*25-150*
Surrogate: M7PFUdA	*58.3 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*53.2 %*		*25-150*
Surrogate: M2PFTeDA	*62.6 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*71.7 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*74.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*71.7 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.2 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*70.6 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*78.8 %*		*25-150*
Surrogate: M2-6:2 FTS	*409 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*131 %*		*25-150*
Surrogate: M9PFNA	*79.4 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 16:31	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 16:31	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 16:31	CM

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:31	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.7 %*	*30-150*

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:11	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:11	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:11	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:11	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:11	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:11	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:11	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:11	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:30	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:30	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:30	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*61.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7240**		mg/kg dry	5.69	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.85	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.71	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**34.6**		mg/kg dry	2.85	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1070**		mg/kg dry	5.69	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**47.4**		mg/kg dry	0.569	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**16.1**		mg/kg dry	0.456	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.6**		mg/kg dry	2.28	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18200**		mg/kg dry	28.5	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.48**		mg/kg dry	0.569	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10500**		mg/kg dry	5.69	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**340**		mg/kg dry	0.569	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**284**		mg/kg dry	1.14	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**933**		mg/kg dry	5.69	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**98.4**		mg/kg dry	56.9	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.5**		mg/kg dry	1.14	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**27.0**		mg/kg dry	2.85	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB01_18-20 **York Sample ID:** 20E0108-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 12:40 pm	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0342	1	EPA 7473	05/06/2020 08:52	05/06/2020 12:23	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	05/07/2020 08:31	05/07/2020 14:16	STN
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**47.4**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.8**		%	0.100	1	SM 2540G	05/06/2020 11:14	05/07/2020 09:48	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.033	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.111**		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.123**		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.117**		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.107**		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.105**		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.117**		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.160**		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.172**		mg/kg dry	0.0478	0.0955	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	05/07/2020 14:21	05/08/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.0 %*	*24-116*

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/08/2020 22:15	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*40.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.399	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.0848**	J	ug/kg dry	0.0752	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**0.0631**	J	ug/kg dry	0.0519	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0354	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.188**	J	ug/kg dry	0.0881	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**0.565**	J	ug/kg dry	0.0500	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0682	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**0.0780**	J	ug/kg dry	0.0584	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.133	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0856	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0496	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0852	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.119	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.119	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.105	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0533	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0563	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0584	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0753	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0292	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.208	0.571	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:14	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*79.2 %*		*25-150*
Surrogate: M5PFHxA	*75.9 %*		*25-150*
Surrogate: M4PFHpA	*76.7 %*		*25-150*
Surrogate: M3PFHxS	*76.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*76.4 %*		*25-150*
Surrogate: M6PFDA	*82.7 %*		*25-150*
Surrogate: M7PFUdA	*72.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*64.2 %*		*25-150*
Surrogate: M2PFTeDA	*60.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*75.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*85.8 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*79.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*66.5 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*98.5 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*99.7 %*		*25-150*
Surrogate: M2-6:2 FTS	*408 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*268 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*84.7 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.0170**		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 16:55	CM
72-55-9	**4,4'-DDE**	**0.0206**		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 16:55	CM
50-29-3	**4,4'-DDT**	**0.0293**		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 16:55	CM

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0374	5	EPA 8081B	05/07/2020 07:58	05/08/2020 16:55	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.8 %*	*30-150*

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:24	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:24	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:41	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:41	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:41	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*58.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3190**		mg/kg dry	5.74	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**17.9**		mg/kg dry	1.72	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**75.9**		mg/kg dry	2.87	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.474**		mg/kg dry	0.344	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**30300**		mg/kg dry	5.74	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**27.3**		mg/kg dry	0.574	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**9.08**		mg/kg dry	0.459	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**72.1**		mg/kg dry	2.30	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12200**		mg/kg dry	28.7	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**98.5**		mg/kg dry	0.574	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**21600**		mg/kg dry	5.74	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**110**		mg/kg dry	0.574	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**147**		mg/kg dry	1.15	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**443**		mg/kg dry	5.74	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**7.12**		mg/kg dry	2.87	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**128**		mg/kg dry	57.4	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**16.8**		mg/kg dry	1.15	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**159**		mg/kg dry	2.87	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 20E0108-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 9:30 am	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.199**		mg/kg dry	0.0344	1	EPA 7473	05/06/2020 08:52	05/06/2020 12:32	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.574	1	EPA 7196A	05/07/2020 08:31	05/07/2020 14:16	STN
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**27.3**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.574	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.1**		%	0.100	1	SM 2540G	05/06/2020 11:14	05/07/2020 09:48	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.014**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.058**		mg/kg dry	0.0047	0.0094	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.023	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.206	0.411	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.206	0.411	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0706**	J	mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.0665**	J	mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0599**	J	mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0673**	J	mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.103	0.205	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.122**		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.107**		mg/kg dry	0.0515	0.103	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.206	0.411	2	EPA 8270D	05/08/2020 07:25	05/08/2020 19:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*75.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.4 %*	*24-116*

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/11/2020 17:13	KH

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	S-08	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.356	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0670	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0462	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0315	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0785	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0445	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0608	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0520	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.118	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0762	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0442	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0759	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.106	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.106	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0934	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0475	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0501	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0520	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0671	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0260	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.186	0.508	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 05:41	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*72.3 %*		*25-150*
Surrogate: M5PFHxA	*70.5 %*		*25-150*
Surrogate: M4PFHpA	*73.6 %*		*25-150*
Surrogate: M3PFHxS	*72.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*78.7 %*		*25-150*
Surrogate: M6PFDA	*72.2 %*		*25-150*
Surrogate: M7PFUdA	*65.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*62.0 %*		*25-150*
Surrogate: M2PFTeDA	*66.7 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*69.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*78.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*71.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*61.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*71.0 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*70.2 %*		*25-150*
Surrogate: M2-6:2 FTS	*468 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*89.0 %*		*25-150*
Surrogate: M9PFNA	*79.0 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:12	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:12	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:12	CM

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	**alpha-BHC**	**0.0256**		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	**Heptachlor**	**0.0155**		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.204	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0408	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:12	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.9 %*	*30-150*

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:38	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:38	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:38	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:38	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:38	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:38	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:38	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:38	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0244	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:52	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0244	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:52	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0244	1	EPA 8151A	05/07/2020 07:49	05/07/2020 18:52	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*65.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6630**		mg/kg dry	6.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.12	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.13**		mg/kg dry	1.87	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**53.9**		mg/kg dry	3.12	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.374	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2940**		mg/kg dry	6.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**60.5**		mg/kg dry	0.624	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**31.7**		mg/kg dry	0.499	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**50.4**		mg/kg dry	2.50	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**21100**		mg/kg dry	31.2	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**77.8**		mg/kg dry	0.624	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**28200**		mg/kg dry	6.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**350**		mg/kg dry	0.624	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**545**		mg/kg dry	1.25	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**776**		mg/kg dry	6.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**3.52**		mg/kg dry	3.12	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.624	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**192**		mg/kg dry	62.4	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.12	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**18.7**		mg/kg dry	1.25	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**58.1**		mg/kg dry	3.12	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:55	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB02_6-8 **York Sample ID:** 20E0108-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:10 am	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.589**		mg/kg dry	0.0374	1	EPA 7473	05/06/2020 08:52	05/06/2020 12:41	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.624	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**60.5**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.624	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.1**		%	0.100	1	SM 2540G	05/06/2020 11:16	05/07/2020 09:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB02_18-20** **York Sample ID:** **20E0108-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.067	0.13	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.017**		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.064**		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.034	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:19	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.248	0.496	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.248	0.496	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.124	0.248	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0621	0.124	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.248	0.496	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*74.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.0 %*	*24-116*

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/08/2020 22:49	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.498	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0937	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0647	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0441	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.191**	J	ug/kg dry	0.110	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0623	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0851	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0728	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.165	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.107	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0619	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.149	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.148	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.131	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0664	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0701	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0728	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0939	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0364	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.260	0.711	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:08	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*75.3 %*		*25-150*
Surrogate: M5PFHxA	*71.0 %*		*25-150*
Surrogate: M4PFHpA	*71.5 %*		*25-150*
Surrogate: M3PFHxS	*75.5 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*72.0 %*		*25-150*
Surrogate: M6PFDA	*67.5 %*		*25-150*
Surrogate: M7PFUdA	*62.2 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*65.0 %*		*25-150*
Surrogate: M2PFTeDA	*65.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*72.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*73.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*75.7 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*58.0 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*89.5 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*93.7 %*		*25-150*
Surrogate: M2-6:2 FTS	*413 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*297 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*77.7 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00244	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 08:51	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00244	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 08:51	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00244	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 08:51	CM

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.244	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0487	5	EPA 8081B	05/07/2020 14:26	05/11/2020 08:51	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.1 %*	*30-150*

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0246	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0246	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0246	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0246	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0246	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0246	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0246	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0246	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:05	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0297	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:03	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0297	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:03	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0297	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:03	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7020**		mg/kg dry	7.46	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.73	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.28**		mg/kg dry	2.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**46.8**		mg/kg dry	3.73	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.075	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.447	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1350**		mg/kg dry	7.46	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**36.9**		mg/kg dry	0.746	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**17.2**		mg/kg dry	0.597	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**35.8**		mg/kg dry	2.98	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17600**		mg/kg dry	37.3	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**15.2**		mg/kg dry	0.746	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**11900**		mg/kg dry	7.46	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**605**		mg/kg dry	0.746	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**244**		mg/kg dry	1.49	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1480**		mg/kg dry	7.46	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.73	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.746	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**135**		mg/kg dry	74.6	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.73	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.9**		mg/kg dry	1.49	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**33.2**		mg/kg dry	3.73	1	EPA 6010D	05/07/2020 09:21	05/08/2020 13:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB02_18-20 **York Sample ID:** 20E0108-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 10:20 am	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0447	1	EPA 7473	05/06/2020 08:52	05/06/2020 12:50	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.746	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**36.9**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.746	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**67.0**		%	0.100	1	SM 2540G	05/06/2020 11:16	05/07/2020 09:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.026	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0520**	J	mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.186	0.372	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.199**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.197**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.178**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.122**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.160**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.167**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.232**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0520**	J	mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.450**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0981**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.149**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.419**		mg/kg dry	0.0466	0.0930	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.372	2	EPA 8270D	05/08/2020 07:25	05/08/2020 20:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*47.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*20.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.8 %*	*24-116*

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/08/2020 23:06	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.379	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.0872**	J	ug/kg dry	0.0714	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0493	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0336	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.173**	J	ug/kg dry	0.0836	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**2.13**		ug/kg dry	0.0474	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0648	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0554	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.126	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0812	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0471	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0809	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.113	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.113	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0995	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0506	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0534	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0554	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0715	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0277	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.735**		ug/kg dry	0.198	0.541	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 06:35	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*70.1 %*		*25-150*
Surrogate: M5PFHxA	*69.9 %*		*25-150*
Surrogate: M4PFHpA	*66.7 %*		*25-150*
Surrogate: M3PFHxS	*71.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*71.4 %*		*25-150*
Surrogate: M6PFDA	*75.4 %*		*25-150*
Surrogate: M7PFUdA	*64.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*59.8 %*		*25-150*
Surrogate: M2PFTeDA	*56.0 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*72.9 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*73.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*73.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*57.2 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*95.2 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*93.9 %*		*25-150*
Surrogate: M2-6:2 FTS	*396 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*395 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*84.9 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:28	CM
72-55-9	**4,4'-DDE**	**0.00877**		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:28	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:28	CM

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	**alpha-Chlordane**	**0.0203**		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	**gamma-Chlordane**	**0.0152**		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:28	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.9 %*	*30-150*

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 07:58	05/07/2020 18:52	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:13	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:13	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:13	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*31.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9750**		mg/kg dry	5.59	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.40**		mg/kg dry	1.68	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**61.0**		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**59300**		mg/kg dry	5.59	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**35.6**		mg/kg dry	0.559	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**10.4**		mg/kg dry	0.447	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**33.6**		mg/kg dry	2.24	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**17400**		mg/kg dry	28.0	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**41.1**		mg/kg dry	0.559	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**23700**		mg/kg dry	5.59	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**327**		mg/kg dry	0.559	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**100**		mg/kg dry	1.12	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1920**		mg/kg dry	5.59	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.559	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**358**		mg/kg dry	55.9	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**35.2**		mg/kg dry	1.12	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**61.1**		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 20E0108-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:30 am	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0422**		mg/kg dry	0.0335	1	EPA 7473	05/06/2020 08:52	05/06/2020 12:59	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.07**		mg/kg dry	0.559	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**34.5**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	05/06/2020 11:16	05/07/2020 09:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0062**	J	mg/kg dry	0.0046	0.0092	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.023	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.185	0.371	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	05/08/2020 07:25	05/08/2020 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*84.4 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*86.5 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.6 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.4 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*111 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*103 %*		*24-116*

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/08/2020 23:23	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.372	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0700	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0483	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0329	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.287**	J	ug/kg dry	0.0820	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.0472**	J	ug/kg dry	0.0465	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0635	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0544	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.124	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0797	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0462	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0793	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.111	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.111	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0976	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0496	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0524	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0544	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0701	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0272	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.194	0.531	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 07:56	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*72.7 %*		*25-150*
Surrogate: M5PFHxA	*67.0 %*		*25-150*
Surrogate: M4PFHpA	*70.1 %*		*25-150*
Surrogate: M3PFHxS	*74.8 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*72.8 %*		*25-150*
Surrogate: M6PFDA	*75.0 %*		*25-150*
Surrogate: M7PFUdA	*68.6 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*63.0 %*		*25-150*
Surrogate: M2PFTeDA	*65.9 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*68.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*78.5 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*72.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*60.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*88.6 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*96.8 %*		*25-150*
Surrogate: M2-6:2 FTS	*441 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*303 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*74.4 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:45	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:45	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 07:58	05/08/2020 17:45	CM

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	05/07/2020 07:58	05/08/2020 17:45	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.3 %*	*30-150*

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 07:58	05/07/2020 19:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 07:58	05/07/2020 19:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 07:58	05/07/2020 19:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 07:58	05/07/2020 19:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 07:58	05/07/2020 19:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 07:58	05/07/2020 19:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 07:58	05/07/2020 19:05	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 07:58	05/07/2020 19:05	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:24	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:24	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:24	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*69.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4200**		mg/kg dry	5.57	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.67	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**27.7**		mg/kg dry	2.78	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1450**		mg/kg dry	5.57	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.557	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.93**		mg/kg dry	0.446	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**17.9**		mg/kg dry	2.23	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10000**		mg/kg dry	27.8	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.89**		mg/kg dry	0.557	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2260**		mg/kg dry	5.57	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**104**		mg/kg dry	0.557	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**51.5**		mg/kg dry	1.11	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**840**		mg/kg dry	5.57	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**95.8**		mg/kg dry	55.7	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.2**		mg/kg dry	1.11	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**18.6**		mg/kg dry	2.78	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB03_6-8 **York Sample ID:** 20E0108-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 7:40 am	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.49**		mg/kg dry	0.0334	1	EPA 7473	05/06/2020 08:52	05/06/2020 13:58	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.9**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G	05/06/2020 11:16	05/07/2020 09:51	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.076	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.012**		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.019	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.188	0.377	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.377	2	EPA 8270D	05/08/2020 07:25	05/08/2020 23:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*82.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*100 %*	*24-116*

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/07/2020 07:54	05/08/2020 23:40	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.349	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0658	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0454	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0309	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0770	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0437	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0597	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0511	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.116	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0748	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0434	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0745	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.104	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.104	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0917	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0466	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0492	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0511	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0659	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0255	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.182	0.499	1	EPA 537m Certifications:	05/13/2020 10:56	05/15/2020 08:23	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*74.1 %*		*25-150*
Surrogate: M5PFHxA	*69.8 %*		*25-150*
Surrogate: M4PFHpA	*75.8 %*		*25-150*
Surrogate: M3PFHxS	*71.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*78.6 %*		*25-150*
Surrogate: M6PFDA	*72.0 %*		*25-150*
Surrogate: M7PFUdA	*63.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*63.9 %*		*25-150*
Surrogate: M2PFTeDA	*61.4 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*71.9 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*75.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*72.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*54.2 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*71.5 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*76.2 %*		*25-150*
Surrogate: M2-6:2 FTS	*470 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*110 %*		*25-150*
Surrogate: M9PFNA	*79.1 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 09:08	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 09:08	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 09:08	CM

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	05/07/2020 14:26	05/11/2020 09:08	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:19	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:19	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:19	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:19	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:19	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:19	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:19	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	05/07/2020 14:26	05/08/2020 13:19	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:35	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:35	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	05/07/2020 07:49	05/07/2020 19:35	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*78.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6680**		mg/kg dry	5.66	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.70	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**32.8**		mg/kg dry	2.83	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**905**		mg/kg dry	5.66	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**30.6**		mg/kg dry	0.566	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.3**		mg/kg dry	0.453	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.6**		mg/kg dry	2.26	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15200**		mg/kg dry	28.3	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.05**		mg/kg dry	0.566	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3270**		mg/kg dry	5.66	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**258**		mg/kg dry	0.566	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**132**		mg/kg dry	1.13	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1060**		mg/kg dry	5.66	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**196**		mg/kg dry	56.6	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	1.13	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**23.8**		mg/kg dry	2.83	1	EPA 6010D	05/07/2020 09:21	05/08/2020 14:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB03_18-20 **York Sample ID:** 20E0108-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0108	170610601	Soil	May 5, 2020 8:30 am	05/05/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0340	1	EPA 7473	05/06/2020 08:52	05/06/2020 14:07	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.566	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**30.6**		mg/kg	0.500	1	Calculation	05/11/2020 11:29	05/11/2020 11:29	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.566	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.3**		%	0.100	1	SM 2540G	05/06/2020 11:16	05/07/2020 09:51	TJM
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BE00186 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/06/20
20E0108-02	SB01_6-8	05/06/20
20E0108-03	SB01_18-20	05/06/20
20E0108-04	SB02_0-2	05/06/20
20E0108-05	SB02_6-8	05/06/20
20E0108-06	SB02_18-20	05/06/20
20E0108-07	SB03_0-2	05/06/20
20E0108-08	SB03_6-8	05/06/20
20E0108-09	SB03_18-20	05/06/20
BE00186-BLK1	Blank	05/06/20
BE00186-DUP1	Duplicate	05/06/20
BE00186-MS1	Matrix Spike	05/06/20
BE00186-SRM1	Reference	05/06/20

Batch ID: BE00203 **Preparation Method:** % Solids Prep **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/06/20
20E0108-02	SB01_6-8	05/06/20
20E0108-03	SB01_18-20	05/06/20
20E0108-04	SB02_0-2	05/06/20
BE00203-DUP1	Duplicate	05/06/20

Batch ID: BE00204 **Preparation Method:** % Solids Prep **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-05	SB02_6-8	05/06/20
20E0108-06	SB02_18-20	05/06/20
20E0108-07	SB03_0-2	05/06/20
20E0108-08	SB03_6-8	05/06/20
20E0108-09	SB03_18-20	05/06/20
BE00204-DUP1	Duplicate	05/06/20

Batch ID: BE00236 **Preparation Method:** EPA 3550C/8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/07/20
20E0108-02	SB01_6-8	05/07/20
20E0108-03	SB01_18-20	05/07/20
20E0108-04	SB02_0-2	05/07/20
20E0108-05	SB02_6-8	05/07/20
20E0108-06	SB02_18-20	05/07/20
20E0108-07	SB03_0-2	05/07/20
20E0108-08	SB03_6-8	05/07/20

20E0108-09	SB03_18-20	05/07/20
BE00236-BLK1	Blank	05/07/20
BE00236-BS1	LCS	05/07/20
BE00236-MS1	Matrix Spike	05/07/20
BE00236-MSD1	Matrix Spike Dup	05/07/20

Batch ID: BE00237 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/07/20
20E0108-02	SB01_6-8	05/07/20
20E0108-03	SB01_18-20	05/07/20
20E0108-04	SB02_0-2	05/07/20
20E0108-05	SB02_6-8	05/07/20
20E0108-06	SB02_18-20	05/07/20
20E0108-07	SB03_0-2	05/07/20
20E0108-08	SB03_6-8	05/07/20
20E0108-09	SB03_18-20	05/07/20
BE00237-BLK1	Blank	05/07/20
BE00237-BS1	LCS	05/07/20
BE00237-MS1	Matrix Spike	05/07/20
BE00237-MSD1	Matrix Spike Dup	05/07/20

Batch ID: BE00238 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/07/20
20E0108-01	SB01_0-2	05/07/20
20E0108-02	SB01_6-8	05/07/20
20E0108-02	SB01_6-8	05/07/20
20E0108-03	SB01_18-20	05/07/20
20E0108-03	SB01_18-20	05/07/20
20E0108-04	SB02_0-2	05/07/20
20E0108-04	SB02_0-2	05/07/20
20E0108-05	SB02_6-8	05/07/20
20E0108-05	SB02_6-8	05/07/20
20E0108-07	SB03_0-2	05/07/20
20E0108-07	SB03_0-2	05/07/20
20E0108-08	SB03_6-8	05/07/20
20E0108-08	SB03_6-8	05/07/20
BE00238-BLK1	Blank	05/07/20
BE00238-BLK2	Blank	05/07/20
BE00238-BS1	LCS	05/07/20
BE00238-BS2	LCS	05/07/20
BE00238-MS1	Matrix Spike	05/07/20
BE00238-MS2	Matrix Spike	05/07/20
BE00238-MSD1	Matrix Spike Dup	05/07/20
BE00238-MSD2	Matrix Spike Dup	05/07/20

Batch ID: BE00239 **Preparation Method:** EPA SW846-3060 **Prepared By:** STN

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/07/20
20E0108-02	SB01_6-8	05/07/20
20E0108-03	SB01_18-20	05/07/20
20E0108-04	SB02_0-2	05/07/20
BE00239-BLK1	Blank	05/07/20
BE00239-SRM1	Reference	05/07/20

Batch ID: BE00241 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/07/20
20E0108-02	SB01_6-8	05/07/20
20E0108-03	SB01_18-20	05/07/20
20E0108-04	SB02_0-2	05/07/20
20E0108-05	SB02_6-8	05/07/20
20E0108-06	SB02_18-20	05/07/20
20E0108-07	SB03_0-2	05/07/20
20E0108-08	SB03_6-8	05/07/20
20E0108-09	SB03_18-20	05/07/20
BE00241-BLK1	Blank	05/07/20
BE00241-DUP1	Duplicate	05/07/20
BE00241-MS1	Matrix Spike	05/07/20
BE00241-SRM1	Reference	05/07/20

Batch ID: BE00247 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/07/20
20E0108-02	SB01_6-8	05/07/20
20E0108-03	SB01_18-20	05/07/20
20E0108-04	SB02_0-2	05/07/20
20E0108-05	SB02_6-8	05/07/20
20E0108-06	SB02_18-20	05/07/20
20E0108-07	SB03_0-2	05/07/20
20E0108-08	SB03_6-8	05/07/20
20E0108-09	SB03_18-20	05/07/20
BE00247-BLK1	Blank	05/07/20
BE00247-DUP1	Duplicate	05/07/20
BE00247-MS1	Matrix Spike	05/07/20
BE00247-PS1	Post Spike	05/07/20
BE00247-SRM1	Reference	05/07/20

Batch ID: BE00252 **Preparation Method:** EPA 5035A **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/07/20
20E0108-02	SB01_6-8	05/07/20

20E0108-03	SB01_18-20	05/07/20
20E0108-04	SB02_0-2	05/07/20
20E0108-05	SB02_6-8	05/07/20
20E0108-06	SB02_18-20	05/07/20
20E0108-07	SB03_0-2	05/07/20
20E0108-08	SB03_6-8	05/07/20
20E0108-09	SB03_18-20	05/07/20
BE00252-BLK1	Blank	05/07/20
BE00252-BLK2	Blank	05/07/20
BE00252-BS1	LCS	05/07/20
BE00252-BSD1	LCS Dup	05/07/20
BE00252-MS1	Matrix Spike	05/07/20
BE00252-MSD1	Matrix Spike Dup	05/07/20

Batch ID: BE00277 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/07/20
20E0108-01RE1	SB01_0-2	05/07/20
20E0108-02	SB01_6-8	05/07/20
20E0108-03	SB01_18-20	05/07/20
20E0108-04	SB02_0-2	05/07/20
BE00277-BLK1	Blank	05/07/20
BE00277-BS1	LCS	05/07/20

Batch ID: BE00279 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-06	SB02_18-20	05/07/20
20E0108-06	SB02_18-20	05/07/20
20E0108-09	SB03_18-20	05/07/20
20E0108-09	SB03_18-20	05/07/20
BE00279-BLK1	Blank	05/07/20
BE00279-BLK2	Blank	05/07/20
BE00279-BS1	LCS	05/07/20
BE00279-BS2	LCS	05/07/20

Batch ID: BE00289 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-05	SB02_6-8	05/07/20
20E0108-06	SB02_18-20	05/07/20
20E0108-07	SB03_0-2	05/07/20
20E0108-08	SB03_6-8	05/07/20
20E0108-09	SB03_18-20	05/07/20
BE00289-BLK1	Blank	05/07/20
BE00289-DUP1	Duplicate	05/07/20
BE00289-MS1	Matrix Spike	05/07/20
BE00289-SRM1	Reference	05/07/20

Batch ID: BE00296 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-05	SB02_6-8	05/08/20
20E0108-06	SB02_18-20	05/08/20
20E0108-07	SB03_0-2	05/08/20
20E0108-08	SB03_6-8	05/08/20
20E0108-09	SB03_18-20	05/08/20
BE00296-BLK1	Blank	05/08/20
BE00296-BS1	LCS	05/08/20
BE00296-MS1	Matrix Spike	05/08/20
BE00296-MSD1	Matrix Spike Dup	05/08/20

Batch ID: BE00389 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/11/20
20E0108-02	SB01_6-8	05/11/20
20E0108-03	SB01_18-20	05/11/20
20E0108-04	SB02_0-2	05/11/20
20E0108-05	SB02_6-8	05/11/20
20E0108-06	SB02_18-20	05/11/20
20E0108-07	SB03_0-2	05/11/20
20E0108-08	SB03_6-8	05/11/20
20E0108-09	SB03_18-20	05/11/20

Batch ID: BE00518 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** KT

YORK Sample ID	Client Sample ID	Preparation Date
20E0108-01	SB01_0-2	05/13/20
20E0108-02	SB01_6-8	05/13/20
20E0108-03	SB01_18-20	05/13/20
20E0108-04	SB02_0-2	05/13/20
20E0108-05	SB02_6-8	05/13/20
20E0108-06	SB02_18-20	05/13/20
20E0108-07	SB03_0-2	05/13/20
20E0108-08	SB03_6-8	05/13/20
20E0108-09	SB03_18-20	05/13/20
BE00518-BLK1	Blank	05/13/20
BE00518-BS1	LCS	05/13/20
BE00518-MS1	Matrix Spike	05/13/20
BE00518-MSD1	Matrix Spike Dup	05/13/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
Blank (BE00252-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
Blank (BE00252-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				
Blank (BE00252-BLK2) Blank									Prepared & Analyzed: 05/07/2020		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
Blank (BE00252-BLK2) Blank									Prepared & Analyzed: 05/07/2020		
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
LCS (BE00252-BS1) LCS							Prepared & Analyzed: 05/07/2020				
1,1,1,2-Tetrachloroethane	49.1		ug/L	50.0		98.2	75-129				
1,1,1-Trichloroethane	58.6		"	50.0		117	71-137				
1,1,2,2-Tetrachloroethane	53.4		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65.3		"	50.0		131	58-146				
1,1,2-Trichloroethane	52.5		"	50.0		105	83-123				
1,1-Dichloroethane	55.8		"	50.0		112	75-130				
1,1-Dichloroethylene	61.2		"	50.0		122	64-137				
1,2,3-Trichlorobenzene	50.4		"	50.0		101	81-140				
1,2,3-Trichloropropane	52.1		"	50.0		104	81-126				
1,2,4-Trichlorobenzene	51.5		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	52.0		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142				
1,2-Dibromoethane	54.5		"	50.0		109	86-123				
1,2-Dichlorobenzene	50.9		"	50.0		102	85-122				
1,2-Dichloroethane	57.4		"	50.0		115	71-133				
1,2-Dichloropropane	52.3		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	51.6		"	50.0		103	82-126				
1,3-Dichlorobenzene	49.8		"	50.0		99.6	84-124				
1,4-Dichlorobenzene	50.0		"	50.0		100	84-124				
1,4-Dioxane	993		"	1050		94.5	10-228				
2-Butanone	57.8		"	50.0		116	58-147				
2-Hexanone	54.1		"	50.0		108	70-139				
4-Methyl-2-pentanone	53.6		"	50.0		107	72-132				
Acetone	45.9		"	50.0		91.9	36-155				
Acrolein	58.2		"	50.0		116	10-238				
Acrylonitrile	59.8		"	50.0		120	66-141				
Benzene	57.0		"	50.0		114	77-127				
Bromochloromethane	59.4		"	50.0		119	74-129				
Bromodichloromethane	49.2		"	50.0		98.4	81-124				
Bromoform	46.8		"	50.0		93.7	80-136				
Bromomethane	63.9		"	50.0		128	32-177				
Carbon disulfide	62.6		"	50.0		125	10-136				
Carbon tetrachloride	60.0		"	50.0		120	66-143				
Chlorobenzene	52.2		"	50.0		104	86-120				
Chloroethane	61.8		"	50.0		124	51-142				
Chloroform	57.2		"	50.0		114	76-131				
Chloromethane	57.8		"	50.0		116	49-132				
cis-1,2-Dichloroethylene	57.6		"	50.0		115	74-132				
cis-1,3-Dichloropropylene	49.0		"	50.0		98.0	81-129				
Cyclohexane	60.9		"	50.0		122	70-130				
Dibromochloromethane	48.9		"	50.0		97.8	10-200				
Dibromomethane	54.5		"	50.0		109	83-124				
Dichlorodifluoromethane	61.2		"	50.0		122	28-158				
Ethyl Benzene	53.4		"	50.0		107	84-125				
Hexachlorobutadiene	51.7		"	50.0		103	83-133				
Isopropylbenzene	49.8		"	50.0		99.5	81-127				
Methyl acetate	53.3		"	50.0		107	41-143				
Methyl tert-butyl ether (MTBE)	56.4		"	50.0		113	74-131				
Methylcyclohexane	52.3		"	50.0		105	70-130				
Methylene chloride	62.4		"	50.0		125	57-141				
n-Butylbenzene	50.3		"	50.0		101	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

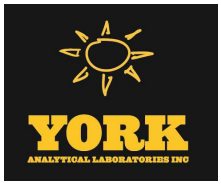
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
LCS (BE00252-BS1) LCS								Prepared & Analyzed: 05/07/2020			
n-Propylbenzene	50.3		ug/L	50.0		101	74-136				
o-Xylene	52.7		"	50.0		105	83-123				
p- & m- Xylenes	106		"	100		106	82-128				
p-Isopropyltoluene	52.3		"	50.0		105	85-125				
sec-Butylbenzene	53.6		"	50.0		107	83-125				
Styrene	54.0		"	50.0		108	86-126				
tert-Butyl alcohol (TBA)	264		"	250		105	70-130				
tert-Butylbenzene	43.8		"	50.0		87.5	80-127				
Tetrachloroethylene	49.3		"	50.0		98.7	80-129				
Toluene	53.2		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	61.2		"	50.0		122	72-132				
trans-1,3-Dichloropropylene	47.4		"	50.0		94.8	78-132				
Trichloroethylene	54.1		"	50.0		108	84-123				
Trichlorofluoromethane	62.0		"	50.0		124	62-140				
Vinyl Chloride	58.6		"	50.0		117	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				
LCS Dup (BE00252-BSD1) LCS Dup								Prepared & Analyzed: 05/07/2020			
1,1,1,2-Tetrachloroethane	48.0		ug/L	50.0		95.9	75-129		2.41	30	
1,1,1-Trichloroethane	57.5		"	50.0		115	71-137		1.93	30	
1,1,2,2-Tetrachloroethane	51.8		"	50.0		104	79-129		3.02	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63.6		"	50.0		127	58-146		2.59	30	
1,1,2-Trichloroethane	51.3		"	50.0		103	83-123		2.41	30	
1,1-Dichloroethane	54.8		"	50.0		110	75-130		1.92	30	
1,1-Dichloroethylene	59.5		"	50.0		119	64-137		2.73	30	
1,2,3-Trichlorobenzene	50.5		"	50.0		101	81-140		0.159	30	
1,2,3-Trichloropropane	50.6		"	50.0		101	81-126		3.02	30	
1,2,4-Trichlorobenzene	50.8		"	50.0		102	80-141		1.51	30	
1,2,4-Trimethylbenzene	51.5		"	50.0		103	84-125		0.889	30	
1,2-Dibromo-3-chloropropane	45.2		"	50.0		90.4	74-142		10.6	30	
1,2-Dibromoethane	53.0		"	50.0		106	86-123		2.68	30	
1,2-Dichlorobenzene	50.3		"	50.0		101	85-122		1.30	30	
1,2-Dichloroethane	54.9		"	50.0		110	71-133		4.49	30	
1,2-Dichloropropane	51.4		"	50.0		103	81-122		1.83	30	
1,3,5-Trimethylbenzene	51.2		"	50.0		102	82-126		0.934	30	
1,3-Dichlorobenzene	48.9		"	50.0		97.8	84-124		1.80	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	84-124		1.09	30	
1,4-Dioxane	1040		"	1050		99.2	10-228		4.82	30	
2-Butanone	54.0		"	50.0		108	58-147		6.78	30	
2-Hexanone	51.7		"	50.0		103	70-139		4.61	30	
4-Methyl-2-pentanone	51.2		"	50.0		102	72-132		4.71	30	
Acetone	42.6		"	50.0		85.3	36-155		7.45	30	
Acrolein	55.1		"	50.0		110	10-238		5.49	30	
Acrylonitrile	55.6		"	50.0		111	66-141		7.24	30	
Benzene	55.7		"	50.0		111	77-127		2.31	30	
Bromochloromethane	57.2		"	50.0		114	74-129		3.91	30	
Bromodichloromethane	48.2		"	50.0		96.4	81-124		2.01	30	
Bromoform	45.7		"	50.0		91.3	80-136		2.55	30	
Bromomethane	58.9		"	50.0		118	32-177		8.18	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
LCS Dup (BE00252-BSD1) LCS Dup								Prepared & Analyzed: 05/07/2020			
Carbon disulfide	61.2		ug/L	50.0		122	10-136		2.31	30	
Carbon tetrachloride	58.4		"	50.0		117	66-143		2.72	30	
Chlorobenzene	51.2		"	50.0		102	86-120		1.93	30	
Chloroethane	56.9		"	50.0		114	51-142		8.21	30	
Chloroform	56.2		"	50.0		112	76-131		1.82	30	
Chloromethane	53.6		"	50.0		107	49-132		7.70	30	
cis-1,2-Dichloroethylene	56.3		"	50.0		113	74-132		2.30	30	
cis-1,3-Dichloropropylene	48.2		"	50.0		96.3	81-129		1.77	30	
Cyclohexane	60.0		"	50.0		120	70-130		1.62	30	
Dibromochloromethane	47.5		"	50.0		95.0	10-200		2.99	30	
Dibromomethane	53.2		"	50.0		106	83-124		2.38	30	
Dichlorodifluoromethane	58.7		"	50.0		117	28-158		4.16	30	
Ethyl Benzene	52.3		"	50.0		105	84-125		2.00	30	
Hexachlorobutadiene	52.6		"	50.0		105	83-133		1.73	30	
Isopropylbenzene	49.0		"	50.0		97.9	81-127		1.62	30	
Methyl acetate	50.4		"	50.0		101	41-143		5.63	30	
Methyl tert-butyl ether (MTBE)	54.9		"	50.0		110	74-131		2.68	30	
Methylcyclohexane	50.9		"	50.0		102	70-130		2.65	30	
Methylene chloride	60.2		"	50.0		120	57-141		3.51	30	
n-Butylbenzene	53.2		"	50.0		106	80-130		5.58	30	
n-Propylbenzene	49.5		"	50.0		99.0	74-136		1.64	30	
o-Xylene	51.9		"	50.0		104	83-123		1.61	30	
p- & m- Xylenes	105		"	100		105	82-128		1.55	30	
p-Isopropyltoluene	52.3		"	50.0		105	85-125		0.115	30	
sec-Butylbenzene	53.2		"	50.0		106	83-125		0.674	30	
Styrene	53.3		"	50.0		107	86-126		1.45	30	
tert-Butyl alcohol (TBA)	253		"	250		101	70-130		4.15	30	
tert-Butylbenzene	43.4		"	50.0		86.8	80-127		0.757	30	
Tetrachloroethylene	48.4		"	50.0		96.8	80-129		1.96	30	
Toluene	52.2		"	50.0		104	85-121		1.92	30	
trans-1,2-Dichloroethylene	59.5		"	50.0		119	72-132		2.78	30	
trans-1,3-Dichloropropylene	46.3		"	50.0		92.6	78-132		2.43	30	
Trichloroethylene	52.7		"	50.0		105	84-123		2.58	30	
Trichlorofluoromethane	57.3		"	50.0		115	62-140		7.90	30	
Vinyl Chloride	54.8		"	50.0		110	52-130		6.72	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
Matrix Spike (BE00252-MS1) Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/07/2020			
1,1,1,2-Tetrachloroethane	26.5		ug/L	50.0	0.00	53.0	15-161				
1,1,1-Trichloroethane	35.7		"	50.0	0.00	71.3	42-145				
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	31.8		"	50.0	0.00	63.7	11-160				
1,1,2-Trichloroethane	32.5		"	50.0	0.00	65.0	44-145				
1,1-Dichloroethane	37.5		"	50.0	0.00	75.1	46-142				
1,1-Dichloroethylene	39.7		"	50.0	0.00	79.3	30-153				
1,2,3-Trichlorobenzene	6.17		"	50.0	0.00	12.3	10-157				
1,2,3-Trichloropropane	35.3		"	50.0	0.00	70.6	38-155				
1,2,4-Trichlorobenzene	6.58		"	50.0	0.00	13.2	10-151				
1,2,4-Trimethylbenzene	15.6		"	50.0	0.00	31.2	10-170				
1,2-Dibromo-3-chloropropane	21.8		"	50.0	0.00	43.7	36-138				
1,2-Dibromoethane	33.8		"	50.0	0.00	67.6	40-142				
1,2-Dichlorobenzene	14.9		"	50.0	0.00	29.7	10-147				
1,2-Dichloroethane	43.0		"	50.0	0.00	85.9	48-133				
1,2-Dichloropropane	35.4		"	50.0	0.00	70.7	47-141				
1,3,5-Trimethylbenzene	16.2		"	50.0	0.00	32.5	10-150				
1,3-Dichlorobenzene	13.6		"	50.0	0.00	27.2	10-144				
1,4-Dichlorobenzene	13.7		"	50.0	0.00	27.5	10-160				
1,4-Dioxane	914		"	1050	0.00	87.0	10-191				
2-Butanone	48.4		"	50.0	0.00	96.8	10-189				
2-Hexanone	44.0		"	50.0	0.00	88.1	10-181				
4-Methyl-2-pentanone	45.6		"	50.0	0.00	91.3	10-166				
Acetone	58.6		"	50.0	2.76	112	10-196				
Acrolein	4.39		"	50.0	0.00	8.78	10-192	Low Bias			
Acrylonitrile	46.2		"	50.0	0.00	92.5	13-161				
Benzene	37.2		"	50.0	0.00	74.5	43-139				
Bromochloromethane	41.1		"	50.0	0.00	82.2	38-145				
Bromodichloromethane	31.7		"	50.0	0.00	63.5	38-147				
Bromoform	26.6		"	50.0	0.00	53.1	29-156				
Bromomethane	49.8		"	50.0	0.00	99.6	10-166				
Carbon disulfide	25.0		"	50.0	0.00	50.0	10-131				
Carbon tetrachloride	32.0		"	50.0	0.00	64.0	35-145				
Chlorobenzene	25.1		"	50.0	0.00	50.2	21-154				
Chloroethane	48.1		"	50.0	0.00	96.1	15-160				
Chloroform	39.0		"	50.0	0.00	78.0	47-142				
Chloromethane	44.0		"	50.0	0.00	88.0	10-159				
cis-1,2-Dichloroethylene	36.2		"	50.0	0.00	72.3	42-144				
cis-1,3-Dichloropropylene	28.6		"	50.0	0.00	57.3	18-159				
Cyclohexane	27.6		"	50.0	0.00	55.3	70-130	Low Bias			
Dibromochloromethane	29.3		"	50.0	0.00	58.7	10-179				
Dibromomethane	36.2		"	50.0	0.00	72.5	47-143				
Dichlorodifluoromethane	37.7		"	50.0	0.00	75.4	10-145				
Ethyl Benzene	23.6		"	50.0	0.00	47.2	11-158				
Hexachlorobutadiene	5.77		"	50.0	0.00	11.5	10-158				
Isopropylbenzene	18.3		"	50.0	0.00	36.7	10-162				
Methyl acetate	0.00		"	50.0	0.00		10-149	Low Bias			
Methyl tert-butyl ether (MTBE)	42.4		"	50.0	0.00	84.8	42-152				
Methylcyclohexane	17.0		"	50.0	0.00	34.0	70-130	Low Bias			
Methylene chloride	43.2		"	50.0	0.00	86.4	28-151				
n-Butylbenzene	11.3		"	50.0	0.00	22.6	10-162				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
Matrix Spike (BE00252-MS1) Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/07/2020			
n-Propylbenzene	16.3		ug/L	50.0	0.00	32.6	10-155				
o-Xylene	22.8		"	50.0	0.00	45.6	10-158				
p- & m- Xylenes	44.8		"	100	0.00	44.8	10-156				
p-Isopropyltoluene	12.8		"	50.0	0.00	25.5	10-147				
sec-Butylbenzene	13.8		"	50.0	0.00	27.7	10-157				
Styrene	22.8		"	50.0	0.00	45.5	13-171				
tert-Butyl alcohol (TBA)	209		"	250	0.00	83.5	34-179				
tert-Butylbenzene	13.2		"	50.0	0.00	26.3	10-160				
Tetrachloroethylene	20.2		"	50.0	0.00	40.5	30-167				
Toluene	29.7		"	50.0	0.00	59.5	21-160				
trans-1,2-Dichloroethylene	34.8		"	50.0	0.00	69.7	29-153				
trans-1,3-Dichloropropylene	26.1		"	50.0	0.00	52.2	18-155				
Trichloroethylene	55.8		"	50.0	0.00	112	24-169				
Trichlorofluoromethane	45.1		"	50.0	0.00	90.2	35-142				
Vinyl Chloride	43.7		"	50.0	0.00	87.5	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.9*	*76-130*				
Matrix Spike Dup (BE00252-M Matrix Spike Dup	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/07/2020			
1,1,1,2-Tetrachloroethane	23.4		ug/L	50.0	0.00	46.9	15-161		12.2	33	
1,1,1-Trichloroethane	37.0		"	50.0	0.00	74.1	42-145		3.82	30	
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias		56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	32.2		"	50.0	0.00	64.5	11-160		1.31	31	
1,1,2-Trichloroethane	29.3		"	50.0	0.00	58.7	44-145		10.3	40	
1,1-Dichloroethane	39.8		"	50.0	0.00	79.5	46-142		5.75	36	
1,1-Dichloroethylene	44.3		"	50.0	0.00	88.5	30-153		11.0	31	
1,2,3-Trichlorobenzene	4.77		"	50.0	0.00	9.54	10-157	Low Bias	25.6	47	
1,2,3-Trichloropropane	32.7		"	50.0	0.00	65.5	38-155		7.47	48	
1,2,4-Trichlorobenzene	4.78		"	50.0	0.00	9.56	10-151	Low Bias	31.7	52	
1,2,4-Trimethylbenzene	12.1		"	50.0	0.00	24.3	10-170		25.1	242	
1,2-Dibromo-3-chloropropane	18.0		"	50.0	0.00	36.0	36-138		19.3	54	
1,2-Dibromoethane	32.0		"	50.0	0.00	64.0	40-142		5.44	39	
1,2-Dichlorobenzene	11.7		"	50.0	0.00	23.4	10-147		23.8	52	
1,2-Dichloroethane	41.1		"	50.0	0.00	82.3	48-133		4.33	32	
1,2-Dichloropropane	36.3		"	50.0	0.00	72.6	47-141		2.54	37	
1,3,5-Trimethylbenzene	12.7		"	50.0	0.00	25.3	10-150		24.7	62	
1,3-Dichlorobenzene	10.4		"	50.0	0.00	20.9	10-144		26.5	51	
1,4-Dichlorobenzene	10.6		"	50.0	0.00	21.2	10-160		25.9	52	
1,4-Dioxane	1030		"	1050	0.00	98.0	10-191		11.9	196	
2-Butanone	47.3		"	50.0	0.00	94.7	10-189		2.26	67	
2-Hexanone	42.6		"	50.0	0.00	85.2	10-181		3.32	60	
4-Methyl-2-pentanone	44.2		"	50.0	0.00	88.4	10-166		3.21	47	
Acetone	96.8		"	50.0	2.76	188	10-196		49.1	150	
Acrolein	4.92		"	50.0	0.00	9.84	10-192	Low Bias	11.4	128	
Acrylonitrile	45.6		"	50.0	0.00	91.1	13-161		1.50	48	
Benzene	38.5		"	50.0	0.00	77.0	43-139		3.35	64	
Bromochloromethane	41.1		"	50.0	0.00	82.2	38-145		0.00	30	
Bromodichloromethane	30.3		"	50.0	0.00	60.6	38-147		4.71	37	
Bromoform	22.3		"	50.0	0.00	44.6	29-156		17.5	51	
Bromomethane	14.4		"	50.0	0.00	28.7	10-166		110	42	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00252 - EPA 5035A											
Matrix Spike Dup (BE00252-M Matrix Spike Dup *Source sample: 20E0108-07 (SB03_0-2)									Prepared & Analyzed: 05/07/2020		
Carbon disulfide	24.0		ug/L	50.0	0.00	48.0	10-131		4.12	36	
Carbon tetrachloride	32.6		"	50.0	0.00	65.2	35-145		1.92	31	
Chlorobenzene	22.5		"	50.0	0.00	44.9	21-154		11.0	32	
Chloroethane	50.6		"	50.0	0.00	101	15-160		5.07	40	
Chloroform	40.4		"	50.0	0.00	80.8	47-142		3.50	29	
Chloromethane	46.2		"	50.0	0.00	92.4	10-159		4.92	31	
cis-1,2-Dichloroethylene	37.6		"	50.0	0.00	75.3	42-144		4.01	30	
cis-1,3-Dichloropropylene	27.9		"	50.0	0.00	55.8	18-159		2.62	39	
Cyclohexane	27.7		"	50.0	0.00	55.5	70-130	Low Bias	0.397	30	
Dibromochloromethane	26.7		"	50.0	0.00	53.4	10-179		9.35	41	
Dibromomethane	35.5		"	50.0	0.00	71.1	47-143		1.95	41	
Dichlorodifluoromethane	36.5		"	50.0	0.00	73.1	10-145		3.15	34	
Ethyl Benzene	21.0		"	50.0	0.00	42.0	11-158		11.7	42	
Hexachlorobutadiene	3.30		"	50.0	0.00	6.60	10-158	Low Bias	54.5	45	Non-dir.
Isopropylbenzene	15.5		"	50.0	0.00	31.1	10-162		16.6	57	
Methyl acetate	0.00		"	50.0	0.00		10-149	Low Bias		64	
Methyl tert-butyl ether (MTBE)	44.6		"	50.0	0.00	89.3	42-152		5.12	47	
Methylcyclohexane	15.5		"	50.0	0.00	31.1	70-130	Low Bias	8.91	30	
Methylene chloride	45.2		"	50.0	0.00	90.4	28-151		4.55	49	
n-Butylbenzene	7.53		"	50.0	0.00	15.1	10-162		39.9	96	
n-Propylbenzene	12.9		"	50.0	0.00	25.9	10-155		23.1	56	
o-Xylene	19.6		"	50.0	0.00	39.3	10-158		14.8	51	
p- & m- Xylenes	39.2		"	100	0.00	39.2	10-156		13.5	47	
p-Isopropyltoluene	9.33		"	50.0	0.00	18.7	10-147		31.1	60	
sec-Butylbenzene	10.2		"	50.0	0.00	20.4	10-157		30.3	56	
Styrene	19.2		"	50.0	0.00	38.4	13-171		16.8	39	
tert-Butyl alcohol (TBA)	213		"	250	0.00	85.1	34-179		1.93	35	
tert-Butylbenzene	10.1		"	50.0	0.00	20.3	10-160		25.8	79	
Tetrachloroethylene	18.9		"	50.0	0.00	37.8	30-167		6.95	33	
Toluene	28.8		"	50.0	0.00	57.7	21-160		3.04	50	
trans-1,2-Dichloroethylene	36.0		"	50.0	0.00	72.1	29-153		3.39	30	
trans-1,3-Dichloropropylene	24.2		"	50.0	0.00	48.3	18-155		7.64	30	
Trichloroethylene	55.8		"	50.0	0.00	112	24-169		0.0537	30	
Trichlorofluoromethane	43.5		"	50.0	0.00	87.0	35-142		3.59	30	
Vinyl Chloride	45.1		"	50.0	0.00	90.2	12-160		3.08	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00277 - EPA 3550C											
Blank (BE00277-BLK1) Blank									Prepared: 05/07/2020 Analyzed: 05/08/2020		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00277 - EPA 3550C											
Blank (BE00277-BLK1) Blank									Prepared: 05/07/2020 Analyzed: 05/08/2020		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.731*		"	*1.66*		*44.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.694*		"	*1.66*		*41.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.459*		"	*0.831*		*55.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.379*		"	*0.831*		*45.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.787*		"	*1.66*		*47.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.469*		"	*0.831*		*56.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

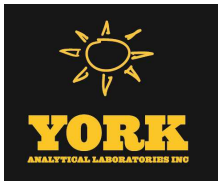
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00277 - EPA 3550C											
LCS (BE00277-BS1) LCS									Prepared: 05/07/2020 Analyzed: 05/08/2020		
1,1-Biphenyl	0.392	0.0416	mg/kg wet	0.831		47.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.461	0.0830	"	0.831		55.5	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.423	0.0416	"	0.831		50.9	17-137				
2,3,4,6-Tetrachlorophenol	0.390	0.0830	"	0.831		46.9	30-130				
2,4,5-Trichlorophenol	0.391	0.0416	"	0.831		47.0	27-118				
2,4,6-Trichlorophenol	0.462	0.0416	"	0.831		55.6	31-120				
2,4-Dichlorophenol	0.435	0.0416	"	0.831		52.4	20-127				
2,4-Dimethylphenol	0.406	0.0416	"	0.831		48.9	14-132				
2,4-Dinitrophenol	0.559	0.0830	"	0.831		67.3	10-171				
2,4-Dinitrotoluene	0.553	0.0416	"	0.831		66.6	34-131				
2,6-Dinitrotoluene	0.597	0.0416	"	0.831		71.8	31-128				
2-Chloronaphthalene	0.412	0.0416	"	0.831		49.6	31-117				
2-Chlorophenol	0.416	0.0416	"	0.831		50.0	33-113				
2-Methylnaphthalene	0.468	0.0416	"	0.831		56.3	12-138				
2-Methylphenol	0.365	0.0416	"	0.831		43.9	10-136				
2-Nitroaniline	0.581	0.0830	"	0.831		70.0	27-132				
2-Nitrophenol	0.534	0.0416	"	0.831		64.3	17-129				
3- & 4-Methylphenols	0.334	0.0416	"	0.831		40.2	29-103				
3,3-Dichlorobenzidine	0.540	0.0416	"	0.831		65.0	22-149				
3-Nitroaniline	0.457	0.0830	"	0.831		55.1	20-133				
4,6-Dinitro-2-methylphenol	0.559	0.0830	"	0.831		67.4	10-143				
4-Bromophenyl phenyl ether	0.398	0.0416	"	0.831		47.9	29-120				
4-Chloro-3-methylphenol	0.443	0.0416	"	0.831		53.3	24-129				
4-Chloroaniline	0.256	0.0416	"	0.831		30.8	10-132				
4-Chlorophenyl phenyl ether	0.400	0.0416	"	0.831		48.2	27-124				
4-Nitroaniline	0.565	0.0830	"	0.831		68.0	16-128				
4-Nitrophenol	0.437	0.0830	"	0.831		52.6	10-141				
Acenaphthene	0.393	0.0416	"	0.831		47.3	30-121				
Acenaphthylene	0.395	0.0416	"	0.831		47.6	30-115				
Acetophenone	0.402	0.0416	"	0.831		48.4	20-112				
Aniline	0.362	0.166	"	0.831		43.6	10-119				
Anthracene	0.426	0.0416	"	0.831		51.3	34-118				
Atrazine	0.462	0.0416	"	0.831		55.6	26-112				
Benzaldehyde	0.410	0.0416	"	0.831		49.4	21-100				
Benzo(a)anthracene	0.435	0.0416	"	0.831		52.4	32-122				
Benzo(a)pyrene	0.437	0.0416	"	0.831		52.6	29-133				
Benzo(b)fluoranthene	0.472	0.0416	"	0.831		56.9	25-133				
Benzo(g,h,i)perylene	0.434	0.0416	"	0.831		52.2	10-143				
Benzo(k)fluoranthene	0.429	0.0416	"	0.831		51.6	25-128				
Benzoic acid	0.228	0.0416	"	0.831		27.5	10-140				
Benzyl alcohol	0.448	0.0416	"	0.831		53.9	30-115				
Benzyl butyl phthalate	0.460	0.0416	"	0.831		55.4	26-126				
Bis(2-chloroethoxy)methane	0.409	0.0416	"	0.831		49.2	19-132				
Bis(2-chloroethyl)ether	0.393	0.0416	"	0.831		47.3	19-125				
Bis(2-chloroisopropyl)ether	0.426	0.0416	"	0.831		51.3	20-135				
Bis(2-ethylhexyl)phthalate	0.466	0.0416	"	0.831		56.2	10-155				
Caprolactam	0.422	0.0830	"	0.831		50.8	10-127				
Carbazole	0.446	0.0416	"	0.831		53.7	35-123				
Chrysene	0.429	0.0416	"	0.831		51.7	32-123				
Dibenzo(a,h)anthracene	0.480	0.0416	"	0.831		57.8	10-136				
Dibenzofuran	0.419	0.0416	"	0.831		50.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00277 - EPA 3550C											
LCS (BE00277-BS1) LCS									Prepared: 05/07/2020 Analyzed: 05/08/2020		
Diethyl phthalate	0.401	0.0416	mg/kg wet	0.831		48.3	34-116				
Dimethyl phthalate	0.405	0.0416	"	0.831		48.7	35-124				
Di-n-butyl phthalate	0.462	0.0416	"	0.831		55.6	31-116				
Di-n-octyl phthalate	0.507	0.0416	"	0.831		61.0	26-136				
Diphenylamine	0.482	0.0830	"	0.831		58.0	40-140				
Fluoranthene	0.455	0.0416	"	0.831		54.8	33-122				
Fluorene	0.407	0.0416	"	0.831		49.0	29-123				
Hexachlorobenzene	0.472	0.0416	"	0.831		56.8	21-124				
Hexachlorobutadiene	0.418	0.0416	"	0.831		50.3	10-149				
Hexachlorocyclopentadiene	0.328	0.0416	"	0.831		39.5	10-129				
Hexachloroethane	0.394	0.0416	"	0.831		47.5	28-108				
Indeno(1,2,3-cd)pyrene	0.450	0.0416	"	0.831		54.2	10-135				
Isophorone	0.435	0.0416	"	0.831		52.4	20-132				
Naphthalene	0.433	0.0416	"	0.831		52.1	23-124				
Nitrobenzene	0.452	0.0416	"	0.831		54.5	13-132				
N-Nitrosodimethylamine	0.410	0.0416	"	0.831		49.4	11-129				
N-nitroso-di-n-propylamine	0.389	0.0416	"	0.831		46.9	24-119				
N-Nitrosodiphenylamine	0.493	0.0416	"	0.831		59.4	22-152				
Pentachlorophenol	0.331	0.0416	"	0.831		39.8	10-139				
Phenanthrene	0.440	0.0416	"	0.831		53.0	33-123				
Phenol	0.432	0.0416	"	0.831		52.0	23-115				
Pyrene	0.429	0.0416	"	0.831		51.6	32-130				
Pyridine	0.355	0.166	"	0.831		42.8	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.809*		"	*1.66*		*48.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.819*		"	*1.66*		*49.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.497*		"	*0.831*		*59.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.407*		"	*0.831*		*49.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.920*		"	*1.66*		*55.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.482*		"	*0.831*		*58.1*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE00296 - EPA 3550C

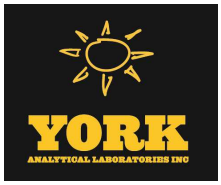
Blank (BE00296-BLK1) Blank — Prepared & Analyzed: 05/08/2020

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"
Caprolactam	ND	0.0830	"
Carbazole	ND	0.0416	"
Chrysene	ND	0.0416	"
Dibenzo(a,h)anthracene	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00296 - EPA 3550C											
Blank (BE00296-BLK1) Blank									Prepared & Analyzed: 05/08/2020		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.66*		*74.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.20*		"	*1.66*		*72.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.690*		"	*0.831*		*83.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.653*		"	*0.831*		*78.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		"	*1.66*		*82.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.737*		"	*0.831*		*88.7*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

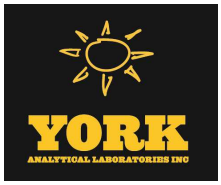
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00296 - EPA 3550C											
LCS (BE00296-BS1) LCS							Prepared & Analyzed: 05/08/2020				
1,1-Biphenyl	0.744	0.0416	mg/kg wet	0.831		89.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.845	0.0830	"	0.831		102	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.688	0.0416	"	0.831		82.9	17-137				
2,3,4,6-Tetrachlorophenol	0.837	0.0830	"	0.831		101	30-130				
2,4,5-Trichlorophenol	0.666	0.0416	"	0.831		80.2	27-118				
2,4,6-Trichlorophenol	0.750	0.0416	"	0.831		90.3	31-120				
2,4-Dichlorophenol	0.775	0.0416	"	0.831		93.4	20-127				
2,4-Dimethylphenol	0.742	0.0416	"	0.831		89.3	14-132				
2,4-Dinitrophenol	0.834	0.0830	"	0.831		100	10-171				
2,4-Dinitrotoluene	0.922	0.0416	"	0.831		111	34-131				
2,6-Dinitrotoluene	0.922	0.0416	"	0.831		111	31-128				
2-Chloronaphthalene	0.681	0.0416	"	0.831		82.0	31-117				
2-Chlorophenol	0.697	0.0416	"	0.831		84.0	33-113				
2-Methylnaphthalene	0.817	0.0416	"	0.831		98.3	12-138				
2-Methylphenol	0.627	0.0416	"	0.831		75.5	10-136				
2-Nitroaniline	0.858	0.0830	"	0.831		103	27-132				
2-Nitrophenol	0.855	0.0416	"	0.831		103	17-129				
3- & 4-Methylphenols	0.571	0.0416	"	0.831		68.7	29-103				
3,3-Dichlorobenzidine	0.592	0.0416	"	0.831		71.3	22-149				
3-Nitroaniline	0.692	0.0830	"	0.831		83.3	20-133				
4,6-Dinitro-2-methylphenol	1.14	0.0830	"	0.831		137	10-143				
4-Bromophenyl phenyl ether	0.743	0.0416	"	0.831		89.4	29-120				
4-Chloro-3-methylphenol	0.786	0.0416	"	0.831		94.7	24-129				
4-Chloroaniline	0.449	0.0416	"	0.831		54.0	10-132				
4-Chlorophenyl phenyl ether	0.693	0.0416	"	0.831		83.4	27-124				
4-Nitroaniline	0.792	0.0830	"	0.831		95.4	16-128				
4-Nitrophenol	0.750	0.0830	"	0.831		90.3	10-141				
Acenaphthene	0.660	0.0416	"	0.831		79.5	30-121				
Acenaphthylene	0.620	0.0416	"	0.831		74.6	30-115				
Acetophenone	0.700	0.0416	"	0.831		84.3	20-112				
Aniline	0.605	0.166	"	0.831		72.9	10-119				
Anthracene	0.709	0.0416	"	0.831		85.4	34-118				
Atrazine	0.840	0.0416	"	0.831		101	26-112				
Benzaldehyde	0.728	0.0416	"	0.831		87.6	21-100				
Benzo(a)anthracene	0.692	0.0416	"	0.831		83.3	32-122				
Benzo(a)pyrene	0.692	0.0416	"	0.831		83.3	29-133				
Benzo(b)fluoranthene	0.747	0.0416	"	0.831		89.9	25-133				
Benzo(g,h,i)perylene	0.639	0.0416	"	0.831		76.9	10-143				
Benzo(k)fluoranthene	0.676	0.0416	"	0.831		81.4	25-128				
Benzoic acid	0.205	0.0416	"	0.831		24.7	10-140				
Benzyl alcohol	0.787	0.0416	"	0.831		94.7	30-115				
Benzyl butyl phthalate	0.718	0.0416	"	0.831		86.5	26-126				
Bis(2-chloroethoxy)methane	0.730	0.0416	"	0.831		87.8	19-132				
Bis(2-chloroethyl)ether	0.690	0.0416	"	0.831		83.0	19-125				
Bis(2-chloroisopropyl)ether	0.735	0.0416	"	0.831		88.5	20-135				
Bis(2-ethylhexyl)phthalate	0.748	0.0416	"	0.831		90.0	10-155				
Caprolactam	0.871	0.0830	"	0.831		105	10-127				
Carbazole	0.752	0.0416	"	0.831		90.6	35-123				
Chrysene	0.692	0.0416	"	0.831		83.3	32-123				
Dibenzo(a,h)anthracene	0.726	0.0416	"	0.831		87.4	10-136				
Dibenzofuran	0.720	0.0416	"	0.831		86.7	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00296 - EPA 3550C											
LCS (BE00296-BS1) LCS							Prepared & Analyzed: 05/08/2020				
Diethyl phthalate	0.684	0.0416	mg/kg wet	0.831		82.3	34-116				
Dimethyl phthalate	0.701	0.0416	"	0.831		84.4	35-124				
Di-n-butyl phthalate	0.736	0.0416	"	0.831		88.6	31-116				
Di-n-octyl phthalate	0.801	0.0416	"	0.831		96.5	26-136				
Diphenylamine	0.879	0.0830	"	0.831		106	40-140				
Fluoranthene	0.741	0.0416	"	0.831		89.2	33-122				
Fluorene	0.681	0.0416	"	0.831		82.0	29-123				
Hexachlorobenzene	0.717	0.0416	"	0.831		86.4	21-124				
Hexachlorobutadiene	0.765	0.0416	"	0.831		92.1	10-149				
Hexachlorocyclopentadiene	0.720	0.0416	"	0.831		86.7	10-129				
Hexachloroethane	0.674	0.0416	"	0.831		81.2	28-108				
Indeno(1,2,3-cd)pyrene	0.720	0.0416	"	0.831		86.6	10-135				
Isophorone	0.775	0.0416	"	0.831		93.3	20-132				
Naphthalene	0.696	0.0416	"	0.831		83.8	23-124				
Nitrobenzene	0.755	0.0416	"	0.831		90.9	13-132				
N-Nitrosodimethylamine	0.652	0.0416	"	0.831		78.6	11-129				
N-nitroso-di-n-propylamine	0.658	0.0416	"	0.831		79.3	24-119				
N-Nitrosodiphenylamine	0.881	0.0416	"	0.831		106	22-152				
Pentachlorophenol	0.816	0.0416	"	0.831		98.3	10-139				
Phenanthrene	0.726	0.0416	"	0.831		87.4	33-123				
Phenol	0.662	0.0416	"	0.831		79.8	23-115				
Pyrene	0.688	0.0416	"	0.831		82.9	32-130				
Pyridine	0.634	0.166	"	0.831		76.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.41*		"	*1.66*		*84.8*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.39*		"	*1.66*		*83.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.803*		"	*0.831*		*96.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.695*		"	*0.831*		*83.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.66*		*109*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.846*		"	*0.831*		*102*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00296 - EPA 3550C											
Matrix Spike (BE00296-MS1) Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/08/2020			
1,1-Biphenyl	0.567	0.0930	mg/kg dry	0.929	ND	61.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.667	0.186	"	0.929	ND	71.8	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.524	0.0930	"	0.929	ND	56.4	10-144				
2,3,4,6-Tetrachlorophenol	0.120	0.186	"	0.929	ND	12.9	30-130	Low Bias			
2,4,5-Trichlorophenol	0.193	0.0930	"	0.929	ND	20.8	10-127				
2,4,6-Trichlorophenol	0.0869	0.0930	"	0.929	ND	9.36	10-132	Low Bias			
2,4-Dichlorophenol	0.489	0.0930	"	0.929	ND	52.6	10-128				
2,4-Dimethylphenol	0.566	0.0930	"	0.929	ND	61.0	10-137				
2,4-Dinitrophenol	ND	0.186	"	0.929	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.519	0.0930	"	0.929	ND	55.9	16-135				
2,6-Dinitrotoluene	0.589	0.0930	"	0.929	ND	63.4	18-131				
2-Chloronaphthalene	0.560	0.0930	"	0.929	ND	60.2	10-129				
2-Chlorophenol	0.485	0.0930	"	0.929	ND	52.2	15-116				
2-Methylnaphthalene	0.638	0.0930	"	0.929	ND	68.7	10-147				
2-Methylphenol	0.487	0.0930	"	0.929	ND	52.5	10-136				
2-Nitroaniline	0.633	0.186	"	0.929	ND	68.2	10-137				
2-Nitrophenol	0.390	0.0930	"	0.929	ND	42.0	10-129				
3- & 4-Methylphenols	0.419	0.0930	"	0.929	ND	45.1	10-123				
3,3-Dichlorobenzidine	0.379	0.0930	"	0.929	ND	40.8	10-155				
3-Nitroaniline	0.585	0.186	"	0.929	ND	63.0	12-133				
4,6-Dinitro-2-methylphenol	ND	0.186	"	0.929	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.579	0.0930	"	0.929	ND	62.3	14-128				
4-Chloro-3-methylphenol	0.600	0.0930	"	0.929	ND	64.6	10-134				
4-Chloroaniline	0.400	0.0930	"	0.929	ND	43.0	10-145				
4-Chlorophenyl phenyl ether	0.588	0.0930	"	0.929	ND	63.4	14-130				
4-Nitroaniline	0.632	0.186	"	0.929	ND	68.0	10-147				
4-Nitrophenol	0.149	0.186	"	0.929	ND	16.0	10-137				
Acenaphthene	0.574	0.0930	"	0.929	ND	61.8	10-146				
Acenaphthylene	0.545	0.0930	"	0.929	ND	58.7	10-134				
Acetophenone	0.513	0.0930	"	0.929	ND	55.2	10-116				
Aniline	0.257	0.372	"	0.929	ND	27.7	10-123				
Anthracene	0.671	0.0930	"	0.929	0.0520	66.6	10-142				
Atrazine	0.616	0.0930	"	0.929	ND	66.3	19-115				
Benzaldehyde	0.485	0.0930	"	0.929	ND	52.2	10-125				
Benzo(a)anthracene	0.839	0.0930	"	0.929	0.199	68.9	10-158				
Benzo(a)pyrene	0.839	0.0930	"	0.929	0.197	69.1	10-180				
Benzo(b)fluoranthene	0.840	0.0930	"	0.929	0.178	71.3	10-200				
Benzo(g,h,i)perylene	0.725	0.0930	"	0.929	0.122	65.0	10-138				
Benzo(k)fluoranthene	0.731	0.0930	"	0.929	0.160	61.5	10-197				
Benzoic acid	0.113	0.0930	"	0.929	ND	12.2	10-166				
Benzyl alcohol	0.542	0.0930	"	0.929	ND	58.4	12-124				
Benzyl butyl phthalate	0.609	0.0930	"	0.929	ND	65.6	10-154				
Bis(2-chloroethoxy)methane	0.531	0.0930	"	0.929	ND	57.1	10-132				
Bis(2-chloroethyl)ether	0.479	0.0930	"	0.929	ND	51.6	10-119				
Bis(2-chloroisopropyl)ether	0.522	0.0930	"	0.929	ND	56.2	10-139				
Bis(2-ethylhexyl)phthalate	1.34	0.0930	"	0.929	0.167	126	10-167				
Caprolactam	0.579	0.186	"	0.929	ND	62.3	10-132				
Carbazole	0.635	0.0930	"	0.929	ND	68.3	10-167				
Chrysene	0.896	0.0930	"	0.929	0.232	71.5	10-156				
Dibenzo(a,h)anthracene	0.695	0.0930	"	0.929	0.0520	69.2	10-137				
Dibenzofuran	0.614	0.0930	"	0.929	ND	66.1	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00296 - EPA 3550C											
Matrix Spike (BE00296-MS1) Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/08/2020			
Diethyl phthalate	0.560	0.0930	mg/kg dry	0.929	ND	60.2	20-120				
Dimethyl phthalate	0.539	0.0930	"	0.929	ND	58.1	18-131				
Di-n-butyl phthalate	0.620	0.0930	"	0.929	ND	66.7	10-137				
Di-n-octyl phthalate	0.688	0.0930	"	0.929	ND	74.1	10-180				
Diphenylamine	0.712	0.186	"	0.929	ND	76.6	40-140				
Fluoranthene	1.19	0.0930	"	0.929	0.450	80.2	10-160				
Fluorene	0.606	0.0930	"	0.929	ND	65.3	10-157				
Hexachlorobenzene	0.599	0.0930	"	0.929	ND	64.5	10-137				
Hexachlorobutadiene	0.560	0.0930	"	0.929	ND	60.2	10-132				
Hexachlorocyclopentadiene	ND	0.0930	"	0.929	ND		10-106	Low Bias			
Hexachloroethane	0.404	0.0930	"	0.929	ND	43.5	10-110				
Indeno(1,2,3-cd)pyrene	0.776	0.0930	"	0.929	0.0981	73.0	10-144				
Isophorone	0.559	0.0930	"	0.929	ND	60.2	10-132				
Naphthalene	0.548	0.0930	"	0.929	ND	59.0	10-141				
Nitrobenzene	0.519	0.0930	"	0.929	ND	55.9	10-131				
N-Nitrosodimethylamine	0.383	0.0930	"	0.929	ND	41.2	10-126				
N-nitroso-di-n-propylamine	0.480	0.0930	"	0.929	ND	51.7	10-125				
N-Nitrosodiphenylamine	0.713	0.0930	"	0.929	ND	76.7	10-177				
Pentachlorophenol	0.0654	0.0930	"	0.929	ND	7.04	10-153	Low Bias			
Phenanthrene	0.831	0.0930	"	0.929	0.149	73.5	10-148				
Phenol	0.522	0.0930	"	0.929	ND	56.2	10-126				
Pyrene	1.16	0.0930	"	0.929	0.419	80.2	10-165				
Pyridine	0.383	0.372	"	0.929	ND	41.3	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.929*		*"*	*1.86*		*50.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.07*		*"*	*1.86*		*57.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.547*		*"*	*0.929*		*58.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.565*		*"*	*0.929*		*60.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.218*		*"*	*1.86*		*11.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.709*		*"*	*0.929*		*76.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE00296 - EPA 3550C

Matrix Spike Dup (BE00296-M Matrix Spike Dup *Source sample: 20E0108-07 (SB03_0-2) Prepared & Analyzed: 05/08/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.505	0.0930	mg/kg dry	0.929	ND	54.4	10-130		11.5	30	
1,2,4,5-Tetrachlorobenzene	0.612	0.186	"	0.929	ND	65.8	10-133		8.60	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.490	0.0930	"	0.929	ND	52.8	10-144		6.59	30	
2,3,4,6-Tetrachlorophenol	0.172	0.186	"	0.929	ND	18.5	30-130	Low Bias	35.7	30	Non-dir.
2,4,5-Trichlorophenol	0.198	0.0930	"	0.929	ND	21.3	10-127		2.28	30	
2,4,6-Trichlorophenol	0.0988	0.0930	"	0.929	ND	10.6	10-132		12.8	30	
2,4-Dichlorophenol	0.460	0.0930	"	0.929	ND	49.5	10-128		6.11	30	
2,4-Dimethylphenol	0.518	0.0930	"	0.929	ND	55.8	10-137		8.91	30	
2,4-Dinitrophenol	ND	0.186	"	0.929	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.460	0.0930	"	0.929	ND	49.5	16-135		12.1	30	
2,6-Dinitrotoluene	0.548	0.0930	"	0.929	ND	59.0	18-131		7.32	30	
2-Chloronaphthalene	0.501	0.0930	"	0.929	ND	53.9	10-129		11.1	30	
2-Chlorophenol	0.449	0.0930	"	0.929	ND	48.3	15-116		7.80	30	
2-Methylnaphthalene	0.568	0.0930	"	0.929	ND	61.1	10-147		11.7	30	
2-Methylphenol	0.429	0.0930	"	0.929	ND	46.2	10-136		12.8	30	
2-Nitroaniline	0.600	0.186	"	0.929	ND	64.6	10-137		5.42	30	
2-Nitrophenol	0.362	0.0930	"	0.929	ND	39.0	10-129		7.51	30	
3- & 4-Methylphenols	0.374	0.0930	"	0.929	ND	40.3	10-123		11.2	30	
3,3-Dichlorobenzidine	0.372	0.0930	"	0.929	ND	40.0	10-155		1.98	30	
3-Nitroaniline	0.569	0.186	"	0.929	ND	61.3	12-133		2.70	30	
4,6-Dinitro-2-methylphenol	ND	0.186	"	0.929	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.522	0.0930	"	0.929	ND	56.2	14-128		10.4	30	
4-Chloro-3-methylphenol	0.540	0.0930	"	0.929	ND	58.2	10-134		10.6	30	
4-Chloroaniline	0.346	0.0930	"	0.929	ND	37.3	10-145		14.3	30	
4-Chlorophenyl phenyl ether	0.533	0.0930	"	0.929	ND	57.4	14-130		9.94	30	
4-Nitroaniline	0.663	0.186	"	0.929	ND	71.4	10-147		4.82	30	
4-Nitrophenol	0.116	0.186	"	0.929	ND	12.5	10-137		24.7	30	
Acenaphthene	0.531	0.0930	"	0.929	ND	57.2	10-146		7.80	30	
Acenaphthylene	0.500	0.0930	"	0.929	ND	53.8	10-134		8.67	30	
Acetophenone	0.446	0.0930	"	0.929	ND	48.0	10-116		14.0	30	
Aniline	0.230	0.372	"	0.929	ND	24.7	10-123		11.3	30	
Anthracene	0.602	0.0930	"	0.929	0.0520	59.2	10-142		10.9	30	
Atrazine	0.586	0.0930	"	0.929	ND	63.1	19-115		4.94	30	
Benzaldehyde	0.413	0.0930	"	0.929	ND	44.5	10-125		16.0	30	
Benzo(a)anthracene	0.712	0.0930	"	0.929	0.199	55.2	10-158		16.4	30	
Benzo(a)pyrene	0.693	0.0930	"	0.929	0.197	53.4	10-180		19.1	30	
Benzo(b)fluoranthene	0.726	0.0930	"	0.929	0.178	59.0	10-200		14.6	30	
Benzo(g,h,i)perylene	0.617	0.0930	"	0.929	0.122	53.4	10-138		16.0	30	
Benzo(k)fluoranthene	0.623	0.0930	"	0.929	0.160	49.8	10-197		16.0	30	
Benzoic acid	0.0817	0.0930	"	0.929	ND	8.80	10-166	Low Bias	32.1	30	Non-dir.
Benzyl alcohol	0.486	0.0930	"	0.929	ND	52.3	12-124		11.0	30	
Benzyl butyl phthalate	0.571	0.0930	"	0.929	ND	61.5	10-154		6.42	30	
Bis(2-chloroethoxy)methane	0.462	0.0930	"	0.929	ND	49.8	10-132		13.8	30	
Bis(2-chloroethyl)ether	0.412	0.0930	"	0.929	ND	44.3	10-119		15.2	30	
Bis(2-chloroisopropyl)ether	0.450	0.0930	"	0.929	ND	48.4	10-139		14.8	30	
Bis(2-ethylhexyl)phthalate	0.624	0.0930	"	0.929	0.167	49.2	10-167		72.8	30	Non-dir.
Caprolactam	0.527	0.186	"	0.929	ND	56.7	10-132		9.41	30	
Carbazole	0.574	0.0930	"	0.929	ND	61.8	10-167		10.1	30	
Chrysene	0.761	0.0930	"	0.929	0.232	57.0	10-156		16.3	30	
Dibenzo(a,h)anthracene	0.642	0.0930	"	0.929	0.0520	63.5	10-137		7.89	30	
Dibenzofuran	0.557	0.0930	"	0.929	ND	59.9	10-147		9.78	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

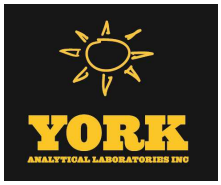
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00296 - EPA 3550C											
Matrix Spike Dup (BE00296-M Matrix Spike Dup	*Source sample: 20E0108-07 (SB03_0-2)								Prepared & Analyzed: 05/08/2020		
Diethyl phthalate	0.500	0.0930	mg/kg dry	0.929	ND	53.8	20-120		11.2	30	
Dimethyl phthalate	0.502	0.0930	"	0.929	ND	54.0	18-131		7.28	30	
Di-n-butyl phthalate	0.596	0.0930	"	0.929	ND	64.2	10-137		3.91	30	
Di-n-octyl phthalate	0.647	0.0930	"	0.929	ND	69.7	10-180		6.12	30	
Diphenylamine	0.664	0.186	"	0.929	ND	71.4	40-140		7.02	30	
Fluoranthene	0.934	0.0930	"	0.929	0.450	52.2	10-160		24.5	30	
Fluorene	0.565	0.0930	"	0.929	ND	60.9	10-157		6.98	30	
Hexachlorobenzene	0.565	0.0930	"	0.929	ND	60.8	10-137		5.87	30	
Hexachlorobutadiene	0.496	0.0930	"	0.929	ND	53.4	10-132		12.0	30	
Hexachlorocyclopentadiene	ND	0.0930	"	0.929	ND		10-106	Low Bias		30	
Hexachloroethane	0.328	0.0930	"	0.929	ND	35.4	10-110		20.7	30	
Indeno(1,2,3-cd)pyrene	0.693	0.0930	"	0.929	0.0981	64.0	10-144		11.3	30	
Isophorone	0.493	0.0930	"	0.929	ND	53.1	10-132		12.4	30	
Naphthalene	0.479	0.0930	"	0.929	ND	51.6	10-141		13.3	30	
Nitrobenzene	0.463	0.0930	"	0.929	ND	49.8	10-131		11.5	30	
N-Nitrosodimethylamine	0.332	0.0930	"	0.929	ND	35.8	10-126		14.1	30	
N-nitroso-di-n-propylamine	0.440	0.0930	"	0.929	ND	47.4	10-125		8.72	30	
N-Nitrosodiphenylamine	0.644	0.0930	"	0.929	ND	69.4	10-177		10.1	30	
Pentachlorophenol	0.0572	0.0930	"	0.929	ND	6.16	10-153	Low Bias	13.3	30	
Phenanthrene	0.685	0.0930	"	0.929	0.149	57.8	10-148		19.3	30	
Phenol	0.455	0.0930	"	0.929	ND	49.0	10-126		13.7	30	
Pyrene	0.973	0.0930	"	0.929	0.419	59.7	10-165		17.8	30	
Pyridine	0.363	0.372	"	0.929	ND	39.1	10-83		5.37	30	
Surrogate: SURR: 2-Fluorophenol	*0.779*		"	*1.86*		*41.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.935*		"	*1.86*		*50.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.500*		"	*0.929*		*53.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.510*		"	*0.929*		*54.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.246*		"	*1.86*		*13.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.655*		"	*0.929*		*70.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

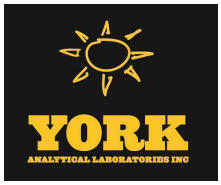
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00237 - EPA 3550C											
Blank (BE00237-BLK1) Blank									Prepared: 05/07/2020 Analyzed: 05/11/2020		
1,4-Dioxane	ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8	*347*		*"*	*495*		*70.0*	*39-83.1*				
LCS (BE00237-BS1) LCS									Prepared: 05/07/2020 Analyzed: 05/08/2020		
1,4-Dioxane	446	9.90	ug/kg	495		90.0	40-130				
Surrogate: 1,4-Dioxane-d8	*297*		*"*	*495*		*60.0*	*39-83.1*				
Matrix Spike (BE00237-MS1) Matrix Spike *Source sample: 20E0108-07 (SB03_0-2)									Prepared: 05/07/2020 Analyzed: 05/08/2020		
1,4-Dioxane	479	9.90	ug/kg	495	ND	96.8	40-130				
Surrogate: 1,4-Dioxane-d8	*317*		*"*	*495*		*64.0*	*40-130*				
Matrix Spike Dup (BE00237-M Matrix Spike Dup *Source sample: 20E0108-07 (SB03_0-2)									Prepared: 05/07/2020 Analyzed: 05/08/2020		
1,4-Dioxane	472	9.90	ug/kg	495	ND	95.4	40-130		1.46	30	
Surrogate: 1,4-Dioxane-d8	*218*		*"*	*495*		*44.0*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00518 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BE00518-BLK1) Blank									Prepared: 05/13/2020 Analyzed: 05/15/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	0.484	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.484	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.484	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.484	"								
Perfluorooctanoic acid (PFOA)	ND	0.484	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.484	"								
Perfluorononanoic acid (PFNA)	ND	0.484	"								
Perfluorodecanoic acid (PFDA)	ND	0.484	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.484	"								
Perfluorododecanoic acid (PFDoA)	ND	0.484	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.484	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.484	"								
N-MeFOSAA	ND	0.484	"								
N-EtFOSAA	ND	0.484	"								
Perfluoropentanoic acid (PFPeA)	ND	0.484	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.484	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.484	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.484	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.484	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.484	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.484	"								
Surrogate: M3PFBS	*3.56*		"	*4.50*		*79.1*	*25-150*				
Surrogate: M5PFHxA	*3.62*		"	*4.84*		*74.8*	*25-150*				
Surrogate: M4PFHpA	*3.65*		"	*4.84*		*75.5*	*25-150*				
Surrogate: M3PFHxS	*3.47*		"	*4.58*		*75.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.82*		"	*4.84*		*78.8*	*25-150*				
Surrogate: M6PFDA	*3.45*		"	*4.84*		*71.2*	*25-150*				
Surrogate: M7PFUdA	*3.09*		"	*4.84*		*63.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.88*		"	*4.84*		*59.4*	*25-150*				
Surrogate: M2PFTeDA	*2.89*		"	*4.84*		*59.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.62*		"	*4.84*		*74.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.50*		"	*4.63*		*75.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.80*		"	*4.84*		*78.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.79*		"	*4.84*		*57.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.28*		"	*4.84*		*67.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.23*		"	*4.84*		*66.6*	*25-150*				
Surrogate: M2-6:2 FTS	*20.8*		"	*4.60*		*452*	*25-150*				
Surrogate: M2-8:2 FTS	*4.50*		"	*4.64*		*97.1*	*25-150*				
Surrogate: M9PFNA	*3.45*		"	*4.84*		*71.1*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

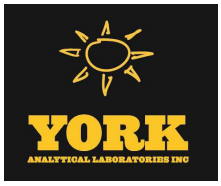
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00518 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BE00518-BS1) LCS									Prepared: 05/13/2020 Analyzed: 05/15/2020		
Perfluorobutanesulfonic acid (PFBS)	3.82	0.488	ug/kg wet	4.32		88.4	50-130				
Perfluorohexanoic acid (PFHxA)	4.26	0.488	"	4.88		87.3	50-130				
Perfluoroheptanoic acid (PFHpA)	3.97	0.488	"	4.88		81.4	50-130				
Perfluorohexanesulfonic acid (PFHxS)	3.12	0.488	"	3.61		86.3	50-130				
Perfluorooctanoic acid (PFOA)	3.99	0.488	"	4.88		81.9	50-130				
Perfluorooctanesulfonic acid (PFOS)	3.05	0.488	"	3.56		85.6	50-130				
Perfluorononanoic acid (PFNA)	3.96	0.488	"	4.68		84.6	50-130				
Perfluorodecanoic acid (PFDA)	4.08	0.488	"	4.88		83.6	50-130				
Perfluoroundecanoic acid (PFUnA)	4.12	0.488	"	4.88		84.4	50-130				
Perfluorododecanoic acid (PFDoA)	4.08	0.488	"	4.88		83.7	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.03	0.488	"	4.88		82.7	50-130				
Perfluorotetradecanoic acid (PFTA)	4.14	0.488	"	4.88		84.9	50-130				
N-MeFOSAA	4.06	0.488	"	4.88		83.2	50-130				
N-EtFOSAA	4.04	0.488	"	4.88		82.9	50-130				
Perfluoropentanoic acid (PFPeA)	4.01	0.488	"	4.88		82.2	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.15	0.488	"	4.88		85.1	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.32	0.488	"	4.85		89.1	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	3.40	0.488	"	4.71		72.2	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.84	0.488	"	4.63		82.9	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.71	0.488	"	4.68		79.3	50-130				
Perfluoro-n-butanoic acid (PFBA)	4.21	0.488	"	4.88		86.3	50-130				
Surrogate: M3PFBS	*3.48*		"	*4.53*		*76.9*	*25-150*				
Surrogate: M5PFHxA	*3.57*		"	*4.88*		*73.1*	*25-150*				
Surrogate: M4PFHpA	*3.86*		"	*4.88*		*79.2*	*25-150*				
Surrogate: M3PFHxS	*3.56*		"	*4.62*		*77.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.02*		"	*4.88*		*82.4*	*25-150*				
Surrogate: M6PFDA	*3.54*		"	*4.88*		*72.6*	*25-150*				
Surrogate: M7PFUdA	*3.28*		"	*4.88*		*67.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.22*		"	*4.88*		*66.0*	*25-150*				
Surrogate: M2PFTeDA	*3.28*		"	*4.88*		*67.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.37*		"	*4.88*		*69.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.65*		"	*4.67*		*78.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.77*		"	*4.88*		*77.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.16*		"	*4.88*		*64.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.47*		"	*4.88*		*71.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.35*		"	*4.88*		*68.7*	*25-150*				
Surrogate: M2-6:2 FTS	*24.3*		"	*4.63*		*524*	*25-150*				
Surrogate: M2-8:2 FTS	*4.33*		"	*4.67*		*92.7*	*25-150*				
Surrogate: M9PFNA	*3.80*		"	*4.88*		*77.8*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00518 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BE00518-MS1) Matrix Spike *Source sample: 20E0108-07 (SB03_0-2)								Prepared: 05/13/2020 Analyzed: 05/15/2020			
Perfluorobutanesulfonic acid (PFBS)	4.27	0.501	ug/kg dry	4.43	ND	96.4	25-150				
Perfluorohexanoic acid (PFHxA)	4.88	0.501	"	5.01	0.0872	95.8	25-150				
Perfluoroheptanoic acid (PFHpA)	4.80	0.501	"	5.01	ND	95.9	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.24	0.501	"	3.70	ND	115	25-150				
Perfluorooctanoic acid (PFOA)	4.54	0.501	"	5.01	0.173	87.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	6.22	0.501	"	3.65	2.13	112	25-150				
Perfluorononanoic acid (PFNA)	4.15	0.501	"	4.81	ND	86.4	25-150				
Perfluorodecanoic acid (PFDA)	4.86	0.501	"	5.01	ND	97.0	25-150				
Perfluoroundecanoic acid (PFUnA)	4.33	0.501	"	5.01	ND	86.4	25-150				
Perfluorododecanoic acid (PFDoA)	4.54	0.501	"	5.01	ND	90.6	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.16	0.501	"	5.01	ND	83.1	25-150				
Perfluorotetradecanoic acid (PFTA)	4.57	0.501	"	5.01	ND	91.3	25-150				
N-MeFOSAA	4.35	0.501	"	5.01	ND	86.8	25-150				
N-EtFOSAA	4.37	0.501	"	5.01	ND	87.3	25-150				
Perfluoropentanoic acid (PFPeA)	4.68	0.501	"	5.01	ND	93.5	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.68	0.501	"	5.01	ND	93.6	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.35	0.501	"	4.98	ND	87.3	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.46	0.501	"	4.83	ND	71.6	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.35	0.501	"	4.76	ND	91.4	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	4.19	0.501	"	4.81	ND	87.1	25-150				
Perfluoro-n-butanoic acid (PFBA)	5.13	0.501	"	5.01	0.735	87.7	25-150				
Surrogate: M3PFBS	*3.42*		*"*	*4.65*		*73.6*	*25-150*				
Surrogate: M5PFHxA	*3.55*		*"*	*5.01*		*71.0*	*25-150*				
Surrogate: M4PFHpA	*3.42*		*"*	*5.01*		*68.4*	*25-150*				
Surrogate: M3PFHxS	*3.39*		*"*	*4.74*		*71.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.60*		*"*	*5.01*		*71.9*	*25-150*				
Surrogate: M6PFDA	*3.72*		*"*	*5.01*		*74.3*	*25-150*				
Surrogate: M7PFUdA	*3.49*		*"*	*5.01*		*69.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.96*		*"*	*5.01*		*59.2*	*25-150*				
Surrogate: M2PFTeDA	*2.74*		*"*	*5.01*		*54.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.82*		*"*	*5.01*		*76.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.74*		*"*	*4.79*		*78.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.81*		*"*	*5.01*		*76.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.84*		*"*	*5.01*		*56.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.91*		*"*	*5.01*		*98.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.62*		*"*	*5.01*		*92.4*	*25-150*				
Surrogate: M2-6:2 FTS	*20.1*		*"*	*4.75*		*423*	*25-150*				
Surrogate: M2-8:2 FTS	*18.6*		*"*	*4.80*		*387*	*25-150*				
Surrogate: M9PFNA	*4.22*		*"*	*5.01*		*84.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00518 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BE00518-M Matrix Spike Dup	*Source sample: 20E0108-07 (SB03_0-2)								Prepared: 05/13/2020 Analyzed: 05/15/2020		
Perfluorobutanesulfonic acid (PFBS)	4.40	0.528	ug/kg dry	4.67	ND	94.3	25-150		3.09	35	
Perfluorohexanoic acid (PFHxA)	5.07	0.528	"	5.28	0.0872	94.4	25-150		3.76	35	
Perfluoroheptanoic acid (PFHpA)	5.12	0.528	"	5.28	ND	97.0	25-150		6.36	35	
Perfluorohexanesulfonic acid (PFHxS)	4.47	0.528	"	3.91	ND	114	25-150		5.22	35	
Perfluorooctanoic acid (PFOA)	4.77	0.528	"	5.28	0.173	87.1	25-150		4.88	35	
Perfluorooctanesulfonic acid (PFOS)	6.66	0.528	"	3.85	2.13	118	25-150		6.82	35	
Perfluorononanoic acid (PFNA)	4.54	0.528	"	5.07	ND	89.6	25-150		8.90	35	
Perfluorodecanoic acid (PFDA)	5.10	0.528	"	5.28	ND	96.7	25-150		4.97	35	
Perfluoroundecanoic acid (PFUnA)	4.81	0.528	"	5.28	ND	91.1	25-150		10.6	35	
Perfluorododecanoic acid (PFDoA)	4.91	0.528	"	5.28	ND	93.1	25-150		7.95	35	
Perfluorotridecanoic acid (PFTrDA)	4.57	0.528	"	5.28	ND	86.5	25-150		9.34	35	
Perfluorotetradecanoic acid (PFTA)	4.90	0.528	"	5.28	ND	92.8	25-150		6.84	35	
N-MeFOSAA	4.75	0.528	"	5.28	ND	90.0	25-150		8.84	35	
N-EtFOSAA	4.64	0.528	"	5.28	ND	88.0	25-150		6.07	35	
Perfluoropentanoic acid (PFPeA)	4.87	0.528	"	5.28	ND	92.2	25-150		3.86	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.16	0.528	"	5.28	ND	97.8	25-150		9.70	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.68	0.528	"	5.25	ND	89.1	25-150		7.32	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.59	0.528	"	5.09	ND	70.5	25-150		3.61	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.64	0.528	"	5.01	ND	92.5	25-150		6.45	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	4.37	0.528	"	5.07	ND	86.3	25-150		4.36	35	
Perfluoro-n-butanoic acid (PFBA)	5.28	0.528	"	5.28	0.735	86.1	25-150		2.89	35	
Surrogate: M3PFBS	*3.20*		"	*4.90*		*65.3*	*25-150*				
Surrogate: M5PFHxA	*3.29*		"	*5.28*		*62.4*	*25-150*				
Surrogate: M4PFHpA	*3.36*		"	*5.28*		*63.6*	*25-150*				
Surrogate: M3PFHxS	*3.36*		"	*4.99*		*67.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.61*		"	*5.28*		*68.5*	*25-150*				
Surrogate: M6PFDA	*3.58*		"	*5.28*		*67.8*	*25-150*				
Surrogate: M7PFUdA	*3.19*		"	*5.28*		*60.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.92*		"	*5.28*		*55.3*	*25-150*				
Surrogate: M2PFTeDA	*3.00*		"	*5.28*		*56.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.40*		"	*5.28*		*64.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.58*		"	*5.05*		*70.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.33*		"	*5.28*		*63.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.72*		"	*5.28*		*51.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.65*		"	*5.28*		*88.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.66*		"	*5.28*		*88.3*	*25-150*				
Surrogate: M2-6:2 FTS	*20.3*		"	*5.01*		*406*	*25-150*				
Surrogate: M2-8:2 FTS	*15.4*		"	*5.06*		*305*	*25-150*				
Surrogate: M9PFNA	*3.90*		"	*5.28*		*73.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00238 - EPA 3550C											
Blank (BE00238-BLK1) Blank									Prepared: 05/07/2020 Analyzed: 05/08/2020		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0328	"								
Surrogate: Decachlorobiphenyl	*0.0667*		*"*	*0.0662*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0708*		*"*	*0.0662*		*107*	*30-150*				
LCS (BE00238-BS1) LCS									Prepared: 05/07/2020 Analyzed: 05/08/2020		
4,4'-DDD	0.0361	0.00164	mg/kg wet	0.0331		109	40-140				
4,4'-DDE	0.0360	0.00164	"	0.0331		109	40-140				
4,4'-DDT	0.0320	0.00164	"	0.0331		96.6	40-140				
Aldrin	0.0401	0.00164	"	0.0331		121	40-140				
alpha-BHC	0.0344	0.00164	"	0.0331		104	40-140				
alpha-Chlordane	0.0361	0.00164	"	0.0331		109	40-140				
beta-BHC	0.0332	0.00164	"	0.0331		100	40-140				
delta-BHC	0.0361	0.00164	"	0.0331		109	40-140				
Dieldrin	0.0360	0.00164	"	0.0331		109	40-140				
Endosulfan I	0.0359	0.00164	"	0.0331		108	40-140				
Endosulfan II	0.0347	0.00164	"	0.0331		105	40-140				
Endosulfan sulfate	0.0391	0.00164	"	0.0331		118	40-140				
Endrin	0.0358	0.00164	"	0.0331		108	40-140				
Endrin aldehyde	0.0372	0.00164	"	0.0331		112	40-140				
Endrin ketone	0.0367	0.00164	"	0.0331		111	40-140				
gamma-BHC (Lindane)	0.0357	0.00164	"	0.0331		108	40-140				
gamma-Chlordane	0.0351	0.00164	"	0.0331		106	40-140				
Heptachlor	0.0377	0.00164	"	0.0331		114	40-140				
Heptachlor epoxide	0.0366	0.00164	"	0.0331		111	40-140				
Methoxychlor	0.0359	0.00164	"	0.0331		108	40-140				
Surrogate: Decachlorobiphenyl	*0.0605*		*"*	*0.0662*		*91.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0646*		*"*	*0.0662*		*97.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00238 - EPA 3550C											
Matrix Spike (BE00238-MS1) Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)								Prepared: 05/07/2020 Analyzed: 05/11/2020		
4,4'-DDD	0.0265	0.00183	mg/kg dry	0.0370	ND	71.6	30-150				
4,4'-DDE	0.0347	0.00183	"	0.0370	0.00877	70.1	30-150				
4,4'-DDT	0.0270	0.00183	"	0.0370	ND	73.0	30-150				
Aldrin	0.0277	0.00183	"	0.0370	ND	74.8	30-150				
alpha-BHC	0.0246	0.00183	"	0.0370	ND	66.4	30-150				
alpha-Chlordane	0.0467	0.00183	"	0.0370	0.0203	71.3	30-150				
beta-BHC	0.0246	0.00183	"	0.0370	ND	66.6	30-150				
delta-BHC	0.0247	0.00183	"	0.0370	ND	66.7	30-150				
Dieldrin	0.0286	0.00183	"	0.0370	ND	77.1	30-150				
Endosulfan I	0.0263	0.00183	"	0.0370	ND	71.0	30-150				
Endosulfan II	0.0257	0.00183	"	0.0370	ND	69.3	30-150				
Endosulfan sulfate	0.0291	0.00183	"	0.0370	ND	78.6	30-150				
Endrin	0.0281	0.00183	"	0.0370	ND	75.8	30-150				
Endrin aldehyde	0.0216	0.00183	"	0.0370	ND	58.3	30-150				
Endrin ketone	0.0257	0.00183	"	0.0370	ND	69.4	30-150				
gamma-BHC (Lindane)	0.0262	0.00183	"	0.0370	ND	70.7	30-150				
gamma-Chlordane	0.0384	0.00183	"	0.0370	0.0152	62.8	30-150				
Heptachlor	0.0292	0.00183	"	0.0370	ND	78.9	30-150				
Heptachlor epoxide	0.0296	0.00183	"	0.0370	ND	80.0	30-150				
Methoxychlor	0.0283	0.00183	"	0.0370	ND	76.4	30-150				
Surrogate: Decachlorobiphenyl	*0.0465*		*"*	*0.0741*		*62.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0478*		*"*	*0.0741*		*64.5*	*30-150*				
Matrix Spike Dup (BE00238-M Matrix Spike Dup	*Source sample: 20E0108-07 (SB03_0-2)								Prepared: 05/07/2020 Analyzed: 05/11/2020		
4,4'-DDD	0.0217	0.00183	mg/kg dry	0.0370	ND	58.6	30-150		20.1	30	
4,4'-DDE	0.0303	0.00183	"	0.0370	0.00877	58.2	30-150		13.6	30	
4,4'-DDT	0.0235	0.00183	"	0.0370	ND	63.4	30-150		14.1	30	
Aldrin	0.0238	0.00183	"	0.0370	ND	64.2	30-150		15.2	30	
alpha-BHC	0.0223	0.00183	"	0.0370	ND	60.3	30-150		9.64	30	
alpha-Chlordane	0.0394	0.00183	"	0.0370	0.0203	51.6	30-150		16.9	30	
beta-BHC	0.0216	0.00183	"	0.0370	ND	58.3	30-150		13.2	30	
delta-BHC	0.0218	0.00183	"	0.0370	ND	58.9	30-150		12.4	30	
Dieldrin	0.0250	0.00183	"	0.0370	ND	67.4	30-150		13.5	30	
Endosulfan I	0.0234	0.00183	"	0.0370	ND	63.2	30-150		11.6	30	
Endosulfan II	0.0222	0.00183	"	0.0370	ND	60.0	30-150		14.4	30	
Endosulfan sulfate	0.0249	0.00183	"	0.0370	ND	67.2	30-150		15.6	30	
Endrin	0.0242	0.00183	"	0.0370	ND	65.4	30-150		14.8	30	
Endrin aldehyde	0.0184	0.00183	"	0.0370	ND	49.8	30-150		15.8	30	
Endrin ketone	0.0221	0.00183	"	0.0370	ND	59.6	30-150		15.2	30	
gamma-BHC (Lindane)	0.0230	0.00183	"	0.0370	ND	62.2	30-150		12.8	30	
gamma-Chlordane	0.0339	0.00183	"	0.0370	0.0152	50.6	30-150		12.4	30	
Heptachlor	0.0257	0.00183	"	0.0370	ND	69.5	30-150		12.7	30	
Heptachlor epoxide	0.0258	0.00183	"	0.0370	ND	69.8	30-150		13.7	30	
Methoxychlor	0.0248	0.00183	"	0.0370	ND	66.9	30-150		13.3	30	
Surrogate: Decachlorobiphenyl	*0.0402*		*"*	*0.0741*		*54.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0384*		*"*	*0.0741*		*51.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00279 - EPA 3550C											
Blank (BE00279-BLK1) Blank									Prepared: 05/07/2020 Analyzed: 05/11/2020		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0664*		*76.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0525*		*"*	*0.0664*		*79.0*	*30-150*				
LCS (BE00279-BS1) LCS									Prepared: 05/07/2020 Analyzed: 05/11/2020		
4,4'-DDD	0.0324	0.00164	mg/kg wet	0.0332		97.6	40-140				
4,4'-DDE	0.0323	0.00164	"	0.0332		97.2	40-140				
4,4'-DDT	0.0293	0.00164	"	0.0332		88.1	40-140				
Aldrin	0.0333	0.00164	"	0.0332		100	40-140				
alpha-BHC	0.0301	0.00164	"	0.0332		90.6	40-140				
alpha-Chlordane	0.0322	0.00164	"	0.0332		96.8	40-140				
beta-BHC	0.0310	0.00164	"	0.0332		93.3	40-140				
delta-BHC	0.0323	0.00164	"	0.0332		97.3	40-140				
Dieldrin	0.0321	0.00164	"	0.0332		96.5	40-140				
Endosulfan I	0.0320	0.00164	"	0.0332		96.3	40-140				
Endosulfan II	0.0319	0.00164	"	0.0332		96.1	40-140				
Endosulfan sulfate	0.0369	0.00164	"	0.0332		111	40-140				
Endrin	0.0322	0.00164	"	0.0332		97.0	40-140				
Endrin aldehyde	0.0337	0.00164	"	0.0332		101	40-140				
Endrin ketone	0.0340	0.00164	"	0.0332		102	40-140				
gamma-BHC (Lindane)	0.0312	0.00164	"	0.0332		94.0	40-140				
gamma-Chlordane	0.0317	0.00164	"	0.0332		95.5	40-140				
Heptachlor	0.0314	0.00164	"	0.0332		94.5	40-140				
Heptachlor epoxide	0.0327	0.00164	"	0.0332		98.4	40-140				
Methoxychlor	0.0333	0.00164	"	0.0332		100	40-140				
Surrogate: Decachlorobiphenyl	*0.0539*		*"*	*0.0664*		*81.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0558*		*"*	*0.0664*		*84.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-P Performance Mix							Prepared & Analyzed: 03/08/2020				
4,4'-DDD	4.80		ng/mL	0.00			0-200				
4,4'-DDE	0.964		"	0.00			0-200				
4,4'-DDT	206		"	200		103	0-200				
Endrin	98.0		"	100		98.0	0-200				
Endrin aldehyde	0.511		"	0.00			0-200				
Endrin ketone	3.00		"	0.00			0-200				
Batch Y0E1202 - BE00279											
Performance Mix (Y0E1202-P Performance Mix							Prepared & Analyzed: 05/11/2020				
4,4'-DDD	10.6		ng/mL	0.00			0-200				
4,4'-DDE	1.26		"	0.00			0-200				
4,4'-DDT	208		"	200		104	0-200				
Endrin	108		"	100		108	0-200				
Endrin aldehyde	1.20		"	0.00			0-200				
Endrin ketone	4.02		"	0.00			0-200				
Batch Y0E1203 - BE00278											
Performance Mix (Y0E1203-P Performance Mix							Prepared & Analyzed: 05/08/2020				
4,4'-DDD	9.48		ng/mL	0.00			0-200				
4,4'-DDE	1.23		"	0.00			0-200				
4,4'-DDT	197		"	200		98.7	0-200				
Endrin	104		"	100		104	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.61		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00238 - EPA 3550C											
Blank (BE00238-BLK2) Blank									Prepared & Analyzed: 05/07/2020		
Aroclor 1016	ND	0.0165	mg/kg wet								
Aroclor 1221	ND	0.0165	"								
Aroclor 1232	ND	0.0165	"								
Aroclor 1242	ND	0.0165	"								
Aroclor 1248	ND	0.0165	"								
Aroclor 1254	ND	0.0165	"								
Aroclor 1260	ND	0.0165	"								
Total PCBs	ND	0.0165	"								
Surrogate: Tetrachloro-m-xylene	*0.0606*		*"*	*0.0662*		*91.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0513*		*"*	*0.0662*		*77.5*	*30-150*				
LCS (BE00238-BS2) LCS									Prepared & Analyzed: 05/07/2020		
Aroclor 1016	0.282	0.0165	mg/kg wet	0.331		85.3	40-140			30	
Aroclor 1260	0.343	0.0165	"	0.331		103	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0533*		*"*	*0.0662*		*80.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0553*		*"*	*0.0662*		*83.5*	*30-150*				
Matrix Spike (BE00238-MS2) Matrix Spike *Source sample: 20E0108-07 (SB03_0-2)									Prepared & Analyzed: 05/07/2020		
Aroclor 1016	0.233	0.0185	mg/kg dry	0.370	ND	62.8	40-140			30	
Aroclor 1260	0.287	0.0185	"	0.370	ND	77.6	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0578*		*"*	*0.0741*		*78.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0548*		*"*	*0.0741*		*74.0*	*30-150*				
Matrix Spike Dup (BE00238-M Matrix Spike Dup *Source sample: 20E0108-07 (SB03_0-2)									Prepared & Analyzed: 05/07/2020		
Aroclor 1016	0.138	0.0185	mg/kg dry	0.370	ND	37.3	40-140	Low Bias	51.0	30	Non-dir.
Aroclor 1260	0.205	0.0185	"	0.370	ND	55.4	40-140		33.4	30	Non-dir.
Surrogate: Tetrachloro-m-xylene	*0.0522*		*"*	*0.0741*		*70.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0452*		*"*	*0.0741*		*61.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00279 - EPA 3550C											
Blank (BE00279-BLK2) Blank									Prepared: 05/07/2020 Analyzed: 05/08/2020		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0369*		*"*	*0.0664*		*55.5*	*30-150*				
LCS (BE00279-BS2) LCS									Prepared: 05/07/2020 Analyzed: 05/08/2020		
Aroclor 1016	0.261	0.0166	mg/kg wet	0.332		78.7	40-140			30	
Aroclor 1260	0.286	0.0166	"	0.332		86.2	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0449*		*"*	*0.0664*		*67.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0409*		*"*	*0.0664*		*61.5*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00236 - EPA 3550C/8151A											
Blank (BE00236-BLK1) Blank								Prepared & Analyzed: 05/07/2020			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.608*		*"*	*0.498*		*122*	*21-150*				
LCS (BE00236-BS1) LCS								Prepared & Analyzed: 05/07/2020			
2,4,5-T	0.115	0.0199	mg/kg wet	0.159		71.9	10-120				
2,4,5-TP (Silvex)	0.133	0.0199	"	0.159		83.7	10-120				
2,4-D	0.128	0.0199	"	0.159		80.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.515*		*"*	*0.498*		*103*	*21-150*				
Matrix Spike (BE00236-MS1) Matrix Spike *Source sample: 20E0108-07 (SB03_0-2)								Prepared & Analyzed: 05/07/2020			
2,4,5-T	0.0267	0.0223	mg/kg dry	0.178	ND	15.0	10-120				
2,4,5-TP (Silvex)	0.0301	0.0223	"	0.178	ND	16.9	10-120				
2,4-D	0.0301	0.0223	"	0.178	ND	16.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.106*		*"*	*0.557*		*19.0*	*21-150*				
Matrix Spike Dup (BE00236-M Matrix Spike Dup *Source sample: 20E0108-07 (SB03_0-2)								Prepared & Analyzed: 05/07/2020			
2,4,5-T	0.0278	0.0223	mg/kg dry	0.178	ND	15.6	10-120		4.08	35	
2,4,5-TP (Silvex)	0.0312	0.0223	"	0.178	ND	17.5	10-120		3.64	35	
2,4-D	0.0301	0.0223	"	0.178	ND	16.9	10-118		0.00	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.105*		*"*	*0.557*		*18.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00247 - EPA 3050B											
Blank (BE00247-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BE00247-DUP1) Duplicate	*Source sample: 20E0108-07 (SB03_0-2)								Prepared: 05/07/2020 Analyzed: 05/08/2020		
Aluminum	7390	5.59	mg/kg dry		9750				27.5	35	
Antimony	ND	2.80	"		ND					35	
Arsenic	2.94	1.68	"		4.40				39.9	35	Non-dir.
Barium	51.5	2.80	"		61.0				17.0	35	
Beryllium	ND	0.056	"		ND					35	
Cadmium	ND	0.335	"		ND					35	
Calcium	52000	5.59	"		59300				13.1	35	
Chromium	27.9	0.559	"		35.6				24.3	35	
Cobalt	9.44	0.447	"		10.4				10.0	35	
Copper	24.5	2.24	"		33.6				31.4	35	
Iron	11600	28.0	"		17400				39.7	35	Non-dir.
Lead	37.0	0.559	"		41.1				10.3	35	
Magnesium	16500	5.59	"		23700				36.0	35	Non-dir.
Manganese	215	0.559	"		327				41.5	35	Non-dir.
Nickel	112	1.12	"		100				11.1	35	
Potassium	941	5.59	"		1920				68.6	35	Non-dir.
Selenium	5.52	2.80	"		ND					35	
Silver	ND	0.559	"		ND					35	
Sodium	242	55.9	"		358				38.8	35	Non-dir.
Thallium	ND	2.80	"		ND					35	
Vanadium	27.4	1.12	"		35.2				24.9	35	
Zinc	52.5	2.80	"		61.1				15.1	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00247 - EPA 3050B											
Matrix Spike (BE00247-MS1) Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)							Prepared: 05/07/2020 Analyzed: 05/08/2020			
Aluminum	6780	5.59	mg/kg dry	224	9750	NR	75-125	Low Bias			
Antimony	4.88	2.80	"	28.0	ND	17.4	75-125	Low Bias			
Arsenic	219	1.68	"	224	4.40	96.1	75-125				
Barium	261	2.80	"	224	61.0	89.5	75-125				
Beryllium	3.44	0.056	"	5.59	ND	61.5	75-125	Low Bias			
Cadmium	5.20	0.335	"	5.59	ND	93.0	75-125				
Calcium	48900	5.59	"	112	59300	NR	75-125	Low Bias			
Chromium	44.8	0.559	"	22.4	35.6	40.9	75-125	Low Bias			
Cobalt	61.3	0.447	"	55.9	10.4	91.0	75-125				
Copper	51.9	2.24	"	28.0	33.6	65.5	75-125	Low Bias			
Iron	12800	28.0	"	112	17400	NR	75-125	Low Bias			
Lead	84.2	0.559	"	55.9	41.1	77.2	75-125				
Magnesium	16400	5.59	"	112	23700	NR	75-125	Low Bias			
Manganese	326	0.559	"	55.9	327	NR	75-125	Low Bias			
Nickel	151	1.12	"	55.9	100	91.0	75-125				
Potassium	969	5.59	"	112	1920	NR	75-125	Low Bias			
Selenium	196	2.80	"	224	ND	87.5	75-125				
Silver	4.29	0.559	"	5.59	ND	76.7	75-125				
Sodium	357	55.9	"	112	358	NR	75-125	Low Bias			
Thallium	215	2.80	"	224	ND	96.2	75-125				
Vanadium	77.9	1.12	"	55.9	35.2	76.3	75-125				
Zinc	104	2.80	"	55.9	61.1	76.2	75-125				
Post Spike (BE00247-PS1) Post Spike	*Source sample: 20E0108-07 (SB03_0-2)							Prepared: 05/07/2020 Analyzed: 05/08/2020			
Aluminum	89.1		ug/mL	2.00	87.2	94.1	75-125				
Antimony	0.243		"	0.250	-0.011	97.2	75-125				
Arsenic	1.97		"	2.00	0.039	96.7	75-125				
Barium	2.45		"	2.00	0.546	95.3	75-125				
Beryllium	0.014		"	0.0500	-0.031	28.4	75-125	Low Bias			
Cadmium	0.047		"	0.0500	0.001	91.2	75-125				
Calcium	515		"	1.00	530	NR	75-125	Low Bias			
Chromium	0.503		"	0.200	0.318	92.3	75-125				
Cobalt	0.575		"	0.500	0.093	96.3	75-125				
Copper	0.570		"	0.250	0.301	108	75-125				
Iron	153		"	1.00	156	NR	75-125	Low Bias			
Lead	0.820		"	0.500	0.367	90.6	75-125				
Magnesium	206		"	1.00	212	NR	75-125	Low Bias			
Manganese	3.36		"	0.500	2.92	88.2	75-125				
Nickel	1.36		"	0.500	0.898	92.9	75-125				
Potassium	18.2		"	1.00	17.2	101	75-125				
Selenium	1.74		"	2.00	0.012	86.6	75-125				
Silver	0.032		"	0.0500	-0.014	63.8	75-125	Low Bias			
Sodium	4.21		"	1.00	3.20	100	75-125				
Thallium	1.91		"	2.00	-0.032	95.6	75-125				
Vanadium	0.793		"	0.500	0.315	95.6	75-125				
Zinc	0.970		"	0.500	0.546	84.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00247 - EPA 3050B											
Reference (BE00247-SRM1) Reference									Prepared & Analyzed: 05/07/2020		
Aluminum	8760	5.00	mg/kg wet	8460		104	50.5-150.1				
Antimony	57.2	2.50	"	120		47.7	19-251.7				
Arsenic	94.7	1.50	"	95.5		99.1	70.1-129.8				
Barium	305	2.50	"	300		102	75-125				
Beryllium	99.0	0.050	"	103		96.1	75-125.2				
Cadmium	131	0.300	"	135		97.2	74.8-125.2				
Calcium	4510	5.00	"	4720		95.6	72.7-127.5				
Chromium	144	0.500	"	147		97.7	70.1-129.9				
Cobalt	45.3	0.400	"	43.2		105	75-125				
Copper	160	2.00	"	150		106	75.3-125.3				
Iron	13300	25.0	"	14400		92.1	35.8-164.6				
Lead	97.2	0.500	"	92.3		105	70-130				
Magnesium	2280	5.00	"	2300		99.3	61.7-137.8				
Manganese	660	0.500	"	677		97.5	78.1-122				
Nickel	70.3	1.00	"	59.8		117	70.1-130.1				
Potassium	2060	5.00	"	2030		102	59.1-140.9				
Selenium	26.3	2.50	"	42.0		62.6	55.7-144.5				
Silver	40.3	0.500	"	40.3		100	69.2-130.8				
Sodium	140	50.0	"	139		101	36.1-163.3				
Thallium	79.8	2.50	"	83.1		96.0	65.3-146.8				
Vanadium	91.9	1.00	"	96.9		94.8	67-133.1				
Zinc	355	2.50	"	369		96.2	69.9-130.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00186 - EPA 7473 soil											
Blank (BE00186-BLK1) Blank								Prepared & Analyzed: 05/06/2020			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE00186-DUP1) Duplicate	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/06/2020			
Mercury	0.0507	0.0335	mg/kg dry		0.0422				18.3	35	
Matrix Spike (BE00186-MS1) Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/06/2020			
Mercury	0.569		mg/kg	0.500	0.0377	106	75-125				
Reference (BE00186-SRM1) Reference								Prepared & Analyzed: 05/06/2020			
Mercury	3.1721		mg/kg	3.71		85.5	65-135				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00239 - EPA SW846-3060												
Blank (BE00239-BLK1)	Blank								Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Reference (BE00239-SRM1)	Reference								Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		95.4		mg/L	124		77.0	33.06-167.74				
Batch BE00241 - Analysis Preparation Soil												
Blank (BE00241-BLK1)	Blank								Prepared & Analyzed: 05/07/2020			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BE00241-DUP1)	Duplicate	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/07/2020			
Cyanide, total		ND	0.559	mg/kg dry		ND					15	
Matrix Spike (BE00241-MS1)	Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/07/2020			
Cyanide, total		7.17	0.559	mg/kg dry	11.2	ND	64.1	79.6-107	Low Bias			
Reference (BE00241-SRM1)	Reference								Prepared & Analyzed: 05/07/2020			
Cyanide, total		82.3		ug/mL	96.2		85.5	42.41-156.96				
Batch BE00289 - EPA SW846-3060												
Blank (BE00289-BLK1)	Blank								Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BE00289-DUP1)	Duplicate	*Source sample: 20E0108-07 (SB03_0-2)							Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		0.895	0.559	mg/kg dry		1.07				18.2	35	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00289 - EPA SW846-3060											
Matrix Spike (BE00289-MS1) Matrix Spike	*Source sample: 20E0108-07 (SB03_0-2)									Prepared & Analyzed: 05/07/2020	
Chromium, Hexavalent	21.6	0.559	mg/kg dry	22.4	1.07	91.8	75-125				
Reference (BE00289-SRM1) Reference										Prepared & Analyzed: 05/07/2020	
Chromium, Hexavalent	120		mg/L	124		97.2	33.06-167.74				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00203 - % Solids Prep												
Duplicate (BE00203-DUP1)	Duplicate	*Source sample: 20E0108-04 (SB02_0-2)								Prepared: 05/06/2020 Analyzed: 05/07/2020		
% Solids		87.9	0.100	%		87.1				0.980	20	
Batch BE00204 - % Solids Prep												
Duplicate (BE00204-DUP1)	Duplicate	*Source sample: 20E0108-07 (SB03_0-2)								Prepared: 05/06/2020 Analyzed: 05/07/2020		
% Solids		88.9	0.100	%		89.4				0.623	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0108-01	SB01_0-2	40mL Vial with Stir Bar-Cool 4° C
20E0108-02	SB01_6-8	40mL Vial with Stir Bar-Cool 4° C
20E0108-03	SB01_18-20	40mL Vial with Stir Bar-Cool 4° C
20E0108-04	SB02_0-2	40mL Vial with Stir Bar-Cool 4° C
20E0108-05	SB02_6-8	40mL Vial with Stir Bar-Cool 4° C
20E0108-06	SB02_18-20	40mL Vial with Stir Bar-Cool 4° C
20E0108-07	SB03_0-2	40mL Vial with Stir Bar-Cool 4° C
20E0108-08	SB03_6-8	40mL Vial with Stir Bar-Cool 4° C
20E0108-09	SB03_18-20	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 20E0108

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company:	Company: Same	170610601	RUSH - Next Day
Address: 300 W 125th St 8th floor, 21 Penn Plaza New York NY 10001	Address:	Address: Same	YOUR Project Name: 475 Bay St	RUSH - Two Day
Phone: 212 479 5400	Phone:	Phone: Same		RUSH - Three Day
Contact: Kim Semon	Contact: Dina Palazzolo	Contact: Same		RUSH - Four Day
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: Same	YOUR PO#:	Standard (5-7 Day) ✓

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

Ethan Smith

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ⋮ Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
~~5/1/Holt~~		~~12:20~~		
SB01_0-2	Soil	12:30	VOCs, SVOCs, PCB, PEST, HERB, METALS, Tri/Hex Chromium, Cyanide, PFAS, 1,4 Dioxane	
SB01_6-8		12:30		
SB01_18-20		12:40		
SB02_0-2		930		
SB02_6-8		1010		
SB02_18-20		1020		
SB03_0-2		730		
SB03_6-8		740		
SB03_18-20		830		

Comments: Email CC Datamanagement@langan.com

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
E Smith Langan	5/5/2020 1510	E Sh	5/5/20	E Sh	5/5/20 1842
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBlocker	5/5/20 1842 / 3.2 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 20E0108

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company:	Company: Same	170610601	RUSH - Next Day
Address: 360 W 31st St 8th floor 2 Penn Plaza New York NY 10001	Address:	Address: Same	YOUR Project Name: 475 Bay St	RUSH - Two Day
Phone.: 212 479 5400	Phone.:	Phone.: Same		RUSH - Three Day
Contact: Kim Senn	Contact: Dina Palazzolo	Contact: Same		RUSH - Four Day
E-mail: KSenn@langan.com	E-mail: DPalazzolo@langan.com	E-mail: Same	YOUR PO#:	Standard (5-7 Day) ✓

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

Ethan Smith

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ¦ Other

Samples From: New York 2 ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SV01_050520	Soil Vapor	5/5/2020 1356	TO-15 (Can 17350) Start 1159, -28 Hg End 1356 -4.0 Hg	
SV02_050520		1400	(Can 16976) Start 1200 -30 Hg End 1400 -4.0 Hg	
SV03_050520		1345	(Can 16953) Start 1202 -28.5 Hg, End 1345 -4.5 Hg	
SV11_050520		1359	(Can 34496) Start 1207 -2 a Hg, End 1359 -4.5 Hg	
SV13_050520		1357	(Can 16955) Start 1204 -27 Hg, End 1357 -4.0 Hg	
SV15_050520		1403	(Can 24109) start 1206 -28.5 Hg End 1403 -4.0	
SV16_050520		1353	(Can 481) start 1205 -28 Hg End 1353 -4.0 Hg	
AA02_050520	Ambient Air	1406	(Can 28299) start 1206 -29 Hg End 1406 -5.0 Hg	
MS-SD02_050520	Soil	5/5/2020 730	VOCs SVOCs PCBs Pest, Herbs, Metals cyanide	
MSD-SD02_050520	Soil	5/5/2020 730	hex/tri Chromium, PFAS, 1,4 Dioxane	

Comments: email CC Datamanagement@langan.com

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
E Smith Langan	5/5/20 15:30	E Stefan	5/5/20	E Stefan	5/5/20 1842
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				K Blocker	5/5/20 1842 / 3.2 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/11/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0109

Report Date: 05/11/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0109

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 05, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20E0109-01	SV01_050520	Soil Vapor	05/05/2020	05/05/2020
20E0109-02	SV02_050520	Soil Vapor	05/05/2020	05/05/2020
20E0109-03	SV03_050520	Soil Vapor	05/05/2020	05/05/2020
20E0109-04	SV11_050520	Soil Vapor	05/05/2020	05/05/2020
20E0109-05	SV13_050520	Soil Vapor	05/05/2020	05/05/2020
20E0109-06	SV15_050520	Soil Vapor	05/05/2020	05/05/2020
20E0109-07	SV16_050520	Soil Vapor	05/05/2020	05/05/2020
20E0109-08	AA02_050520	Ambient Air	05/05/2020	05/05/2020

General Notes for York Project (SDG) No.: 20E0109

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

Approved By: 

Date: 05/11/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SV01_050520 **York Sample ID:** 20E0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:56 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	11	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.9	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	12	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.9	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.6	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**21**		ug/m³	8.0	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.8	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.6	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.5	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	11	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**9.6**		ug/m³	8.0	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	11	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.8	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.5	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.8	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	12	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**59**		ug/m³	4.8	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV01_050520 **York Sample ID:** 20E0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:56 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	13	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	25	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.7	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**170**		ug/m³	7.7	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	3.5	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**14**		ug/m³	5.2	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	8.4	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	11	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	17	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	6.3	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**110**		ug/m³	5.1	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	7.5	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	4.3	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	7.9	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	3.4	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.6	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.4	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**88**		ug/m³	5.6	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	14	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.1	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	12	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV01_050520 **York Sample ID:** 20E0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:56 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**9.2**		ug/m³	7.1	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	17	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**15**		ug/m³	8.0	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	6.7	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.9	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	11	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**210**		ug/m³	6.7	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**330**		ug/m³	5.7	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**11**		ug/m³	7.1	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**25**		ug/m³	14	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**13**		ug/m³	8.0	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:			
115-07-1	*** Propylene**	**240**		ug/m³	2.8	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	6.9	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	11	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.6	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:			
108-88-3	**Toluene**	**48**		ug/m³	6.1	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.5	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.4	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	2.2	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.1	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	5.7	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	7.1	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV01_050520 **York Sample ID:** 20E0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:56 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	2.1	16.28	EPA TO-15	05/06/2020 09:00	05/07/2020 06:12	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*70-130*

Sample Information

Client Sample ID: SV02_050520 **York Sample ID:** 20E0109-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 2:00 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.90	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.66	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**14**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.66	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**4.5**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**2.7**		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.76	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**26**		ug/m³	0.48	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**8.8**		ug/m³	1.3	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV02_050520 **York Sample ID:** 20E0109-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 2:00 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**0.94**		ug/m³	0.67	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**82**		ug/m³	0.78	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.1**		ug/m³	0.52	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.85	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.7	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.64	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**12**		ug/m³	0.51	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.43	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.80	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.34	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.74	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**13**		ug/m³	0.56	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.3**		ug/m³	0.71	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV02_050520 **York Sample ID:** 20E0109-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 2:00 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**1.8**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.67	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**4.9**		ug/m³	0.67	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**3.8**		ug/m³	0.58	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**5.1**		ug/m³	0.71	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**9.9**		ug/m³	1.4	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**8.1**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:			
115-07-1	*** Propylene**	**37**		ug/m³	0.28	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.70	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.97	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:			
108-88-3	**Toluene**	**17**		ug/m³	0.62	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.65	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.74	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.92	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.58	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.72	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:05	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV02_050520 **York Sample ID:** 20E0109-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 2:00 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*		*70-130*						

Sample Information

Client Sample ID: SV03_050520 **York Sample ID:** 20E0109-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:45 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.90	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.66	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**13**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.66	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**4.3**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**6.1**		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.76	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**33**		ug/m³	0.48	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**8.1**		ug/m³	1.3	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV03_050520 **York Sample ID:** 20E0109-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:45 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**1.5**		ug/m³	0.67	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**110**		ug/m³	0.78	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.8**		ug/m³	0.52	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.85	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.7	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.64	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**70**		ug/m³	0.51	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.41**		ug/m³	0.26	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.43	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.80	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.88**		ug/m³	0.34	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.74	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**13**		ug/m³	0.56	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**3.7**		ug/m³	1.2	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.2**		ug/m³	0.71	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV03_050520 **York Sample ID:** 20E0109-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:45 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**160**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**57**		ug/m³	0.67	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**5.4**		ug/m³	0.67	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**10**		ug/m³	0.58	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**4.9**		ug/m³	0.71	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**11**		ug/m³	1.4	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**7.7**		ug/m³	0.81	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:			
115-07-1	*** Propylene**	**90**		ug/m³	0.28	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:			
100-42-5	**Styrene**	**2.1**		ug/m³	0.70	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	1.1	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.97	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:			
108-88-3	**Toluene**	**16**		ug/m³	0.62	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.65	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.74	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.8**		ug/m³	0.92	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.58	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.72	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.641	EPA TO-15	05/06/2020 09:00	05/07/2020 07:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV03_050520 **York Sample ID:** 20E0109-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:45 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*		*70-130*						

Sample Information

Client Sample ID: SV11_050520 **York Sample ID:** 20E0109-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:59 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	5.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.5	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.3	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.5	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.3	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.81	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	6.1	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**23**		ug/m³	4.0	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.3	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.9	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.3	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.8	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	5.7	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**8.5**		ug/m³	4.0	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	5.4	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.9	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.8	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.9	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	5.9	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**160**		ug/m³	2.4	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**34**		ug/m³	6.7	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV11_050520 **York Sample ID:** 20E0109-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:59 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	13	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.4	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**520**		ug/m³	3.9	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	1.8	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**14**		ug/m³	2.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	4.2	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	5.5	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	8.5	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	3.2	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**79**		ug/m³	2.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	3.8	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	2.2	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**7.6**		ug/m³	4.0	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	1.7	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.81	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.7	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**4.2**		ug/m³	2.8	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	7.0	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.1	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	5.9	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**9.3**		ug/m³	3.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV11_050520 **York Sample ID:** 20E0109-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:59 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	8.8	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**11**		ug/m³	4.0	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	3.4	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.0	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	5.7	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**12**		ug/m³	3.4	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**9.5**		ug/m³	2.9	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**12**		ug/m³	3.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**24**		ug/m³	7.1	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**15**		ug/m³	4.0	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:			
115-07-1	*** Propylene**	**27**		ug/m³	1.4	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	3.5	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	5.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.8	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:			
108-88-3	**Toluene**	**65**		ug/m³	3.1	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.3	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.7	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	1.1	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	2.9	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	3.6	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	1.0	8.205	EPA TO-15	05/06/2020 09:00	05/07/2020 08:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV11_050520 **York Sample ID:** 20E0109-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:59 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*		*70-130*						

Sample Information

Client Sample ID: SV13_050520 **York Sample ID:** 20E0109-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:57 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.83	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.83	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.61	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**16**		ug/m³	0.74	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.91	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.61	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.70	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**5.5**		ug/m³	0.74	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.91	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.70	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.91	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**38**		ug/m³	0.45	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**11**		ug/m³	1.2	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV13_050520 **York Sample ID:** 20E0109-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:57 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**0.93**		ug/m³	0.62	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**120**		ug/m³	0.72	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	**Acrylonitrile**	**0.43**		ug/m³	0.33	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.8**		ug/m³	0.48	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.78	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.6	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.59	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**110**		ug/m³	0.47	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.24	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.70	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.40	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**12**		ug/m³	0.74	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.34**		ug/m³	0.31	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.69	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**3.2**		ug/m³	0.52	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.75	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**4.7**		ug/m³	0.66	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV13_050520 **York Sample ID:** 20E0109-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:57 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**21**		ug/m³	0.74	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**7.7**		ug/m³	0.62	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.55	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**4.8**		ug/m³	0.62	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**3.6**		ug/m³	0.53	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**6.2**		ug/m³	0.66	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**13**		ug/m³	1.3	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**9.5**		ug/m³	0.74	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:			
115-07-1	*** Propylene**	**7.8**		ug/m³	0.26	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.64	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.89	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:			
108-88-3	**Toluene**	**20**		ug/m³	0.57	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.60	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.69	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	0.85	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.53	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.66	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.514	EPA TO-15	05/06/2020 09:00	05/07/2020 09:36	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV13_050520 **York Sample ID:** 20E0109-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:57 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*		*70-130*						

Sample Information

Client Sample ID: SV15_050520 **York Sample ID:** 20E0109-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 2:03 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.88	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.88	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.65	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**20**		ug/m³	0.79	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.97	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.65	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.74	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**7.2**		ug/m³	0.79	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**4.1**		ug/m³	1.1	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.97	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.74	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.97	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**66**		ug/m³	0.48	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**16**		ug/m³	1.3	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV15_050520 **York Sample ID:** 20E0109-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 2:03 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**1.3**		ug/m³	0.66	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**180**		ug/m³	7.7	16.12	EPA TO-15	05/06/2020 09:00	05/07/2020 10:22	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	**Acrylonitrile**	**0.59**		ug/m³	0.35	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**6.6**		ug/m³	0.51	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.83	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.7	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.63	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**130**		ug/m³	0.50	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.30**		ug/m³	0.25	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.74	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.43	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.79	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.43**		ug/m³	0.33	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**1.1**		ug/m³	0.16	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.73	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**23**		ug/m³	0.55	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.80	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**5.6**		ug/m³	0.70	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV15_050520 **York Sample ID:** 20E0109-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 2:03 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**8.2**		ug/m³	0.79	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**0.79**		ug/m³	0.66	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.58	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**19**		ug/m³	0.66	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**41**		ug/m³	0.57	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**7.8**		ug/m³	0.70	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**16**		ug/m³	1.4	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**12**		ug/m³	0.79	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:			
115-07-1	*** Propylene**	**76**		ug/m³	0.28	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.69	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**3.1**		ug/m³	1.1	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.95	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:			
108-88-3	**Toluene**	**32**		ug/m³	0.61	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.64	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.73	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.7**		ug/m³	0.91	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.57	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.71	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.612	EPA TO-15	05/06/2020 09:00	05/07/2020 13:51	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV15_050520 **York Sample ID:** 20E0109-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 2:03 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*		*70-130*						

Sample Information

Client Sample ID: SV16_050520 **York Sample ID:** 20E0109-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:53 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.97	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.97	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.72	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**25**		ug/m³	0.88	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**6.1**		ug/m³	0.88	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**2.3**		ug/m³	1.2	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.82	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**31**		ug/m³	0.53	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**6.6**		ug/m³	1.5	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV16_050520 **York Sample ID:** 20E0109-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:53 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.73	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**350**		ug/m³	17	35.62	EPA TO-15	05/07/2020 09:00	05/08/2020 11:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	**Acrylonitrile**	**1.1**		ug/m³	0.39	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**61**		ug/m³	0.57	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.92	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.8	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.69	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**93**		ug/m³	0.55	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.78**		ug/m³	0.28	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.82	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.47	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**3.6**		ug/m³	0.87	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.74**		ug/m³	0.37	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.21**		ug/m³	0.18	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.81	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.61	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.88	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**84**		ug/m³	0.77	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV16_050520 **York Sample ID:** 20E0109-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:53 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**12**		ug/m³	0.88	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.73	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.77**		ug/m³	0.64	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**6.6**		ug/m³	0.73	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**4.7**		ug/m³	0.63	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**21**		ug/m³	0.77	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**64**		ug/m³	1.5	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**25**		ug/m³	0.88	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:			
115-07-1	*** Propylene**	**24**		ug/m³	0.31	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:			
100-42-5	**Styrene**	**15**		ug/m³	0.76	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**10**		ug/m³	1.2	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:			
108-88-3	**Toluene**	**2200**		ug/m³	13	35.62	EPA TO-15	05/07/2020 09:00	05/08/2020 11:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.71	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.81	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.38**		ug/m³	0.24	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	1.0	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.63	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.78	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.781	EPA TO-15	05/07/2020 09:00	05/08/2020 02:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV16_050520 **York Sample ID:** 20E0109-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Soil Vapor	May 5, 2020 1:53 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*		*70-130*						

Sample Information

Client Sample ID: AA02_050520 **York Sample ID:** 20E0109-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Ambient Air	May 5, 2020 2:06 pm	05/05/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.68	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.68	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.76	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.54	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.099	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.88**		ug/m³	0.49	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.76	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.69	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.8**		ug/m³	0.29	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.81	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:			

Sample Information

Client Sample ID: AA02_050520 **York Sample ID:** 20E0109-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Ambient Air	May 5, 2020 2:06 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.6	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**0.53**		ug/m³	0.41	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**20**		ug/m³	0.47	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.22	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.44**		ug/m³	0.32	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.51	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.0	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.39	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.63**		ug/m³	0.16	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.26	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.49	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.21	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.099	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.49	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.3**		ug/m³	0.72	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.69**		ug/m³	0.43	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA02_050520 **York Sample ID:** 20E0109-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Ambient Air	May 5, 2020 2:06 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	**Methyl Methacrylate**	**25**		ug/m³	0.41	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	0.69	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**0.45**		ug/m³	0.41	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**1.9**		ug/m³	0.35	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**0.78**		ug/m³	0.43	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**2.3**		ug/m³	0.86	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**0.73**		ug/m³	0.49	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:			
100-42-5	**Styrene**	**0.72**		ug/m³	0.42	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.67	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications:			
108-88-3	**Toluene**	**5.6**		ug/m³	0.37	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	0.56	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	0.994	EPA TO-15	05/07/2020 09:00	05/07/2020 23:40	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: AA02_050520 **York Sample ID:** 20E0109-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0109	170610601	Ambient Air	May 5, 2020 2:06 pm	05/05/2020

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

Sample Prepared by Method: EPA TO15 PREP

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

Analytical Batch Summary

Batch ID: BE00210 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20E0109-01	SV01_050520	05/06/20
20E0109-02	SV02_050520	05/06/20
20E0109-03	SV03_050520	05/06/20
20E0109-04	SV11_050520	05/06/20
20E0109-05	SV13_050520	05/06/20
20E0109-06	SV15_050520	05/06/20
20E0109-06RE1	SV15_050520	05/06/20
BE00210-BLK1	Blank	05/06/20
BE00210-BS1	LCS	05/06/20
BE00210-DUP1	Duplicate	05/06/20

Batch ID: BE00312 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20E0109-07	SV16_050520	05/07/20
20E0109-07RE1	SV16_050520	05/07/20
20E0109-08	AA02_050520	05/07/20
BE00312-BLK1	Blank	05/07/20
BE00312-BS1	LCS	05/07/20

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00210 - EPA TO15 PREP											
Blank (BE00210-BLK1) Blank									Prepared & Analyzed: 05/06/2020		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00210 - EPA TO15 PREP											
Blank (BE00210-BLK1) Blank								Prepared & Analyzed: 05/06/2020			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Surrogate: SURR: p-Bromofluorobenzene	*9.64*		*ppbv*	*10.0*		*96.4*	*70-130*				
LCS (BE00210-BS1) LCS								Prepared & Analyzed: 05/06/2020			
1,1,1,2-Tetrachloroethane	10.5		ppbv	10.0		105	70-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	70-130				
1,1,2-Trichloroethane	10.9		"	10.0		109	70-130				
1,1-Dichloroethane	10.5		"	10.0		105	70-130				
1,1-Dichloroethylene	10.9		"	10.0		109	70-130				
1,2,4-Trichlorobenzene	7.68		"	10.0		76.8	70-130				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	70-130				
1,2-Dibromoethane	10.8		"	10.0		108	70-130				
1,2-Dichlorobenzene	10.9		"	10.0		109	70-130				
1,2-Dichloroethane	10.8		"	10.0		108	70-130				
1,2-Dichloropropane	11.1		"	10.0		111	70-130				
1,2-Dichlorotetrafluoroethane	10.3		"	10.0		103	70-130				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70-130				
1,3-Butadiene	10.5		"	10.0		105	70-130				
1,3-Dichlorobenzene	11.1		"	10.0		111	70-130				
1,3-Dichloropropane	11.1		"	10.0		111	70-130				
1,4-Dichlorobenzene	11.2		"	10.0		112	70-130				
1,4-Dioxane	10.4		"	10.0		104	70-130				
2-Butanone	10.4		"	10.0		104	70-130				
2-Hexanone	12.1		"	10.0		121	70-130				
3-Chloropropene	10.2		"	10.0		102	70-130				
4-Methyl-2-pentanone	11.7		"	10.0		117	70-130				
Acetone	10.1		"	10.0		101	70-130				
Acrylonitrile	10.4		"	10.0		104	70-130				
Benzene	9.98		"	10.0		99.8	70-130				
Benzyl chloride	9.13		"	10.0		91.3	70-130				
Bromodichloromethane	11.6		"	10.0		116	70-130				
Bromoform	10.9		"	10.0		109	70-130				
Bromomethane	9.88		"	10.0		98.8	70-130				
Carbon disulfide	10.7		"	10.0		107	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00210 - EPA TO15 PREP											
LCS (BE00210-BS1) LCS							Prepared & Analyzed: 05/06/2020				
Carbon tetrachloride	10.7		ppbv	10.0		107	70-130				
Chlorobenzene	10.3		"	10.0		103	70-130				
Chloroethane	11.2		"	10.0		112	70-130				
Chloroform	10.5		"	10.0		105	70-130				
Chloromethane	8.88		"	10.0		88.8	70-130				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	70-130				
cis-1,3-Dichloropropylene	11.7		"	10.0		117	70-130				
Cyclohexane	10.5		"	10.0		105	70-130				
Dibromochloromethane	11.0		"	10.0		110	70-130				
Dichlorodifluoromethane	11.8		"	10.0		118	70-130				
Ethyl acetate	12.8		"	10.0		128	70-130				
Ethyl Benzene	10.5		"	10.0		105	70-130				
Hexachlorobutadiene	10.1		"	10.0		101	70-130				
Isopropanol	9.94		"	10.0		99.4	70-130				
Methyl Methacrylate	11.2		"	10.0		112	70-130				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130				
Methylene chloride	9.59		"	10.0		95.9	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	10.5		"	10.0		105	70-130				
o-Xylene	10.8		"	10.0		108	70-130				
p- & m- Xylenes	21.9		"	20.0		110	70-130				
p-Ethyltoluene	11.8		"	10.0		118	70-130				
Propylene	9.74		"	10.0		97.4	70-130				
Styrene	11.1		"	10.0		111	70-130				
Tetrachloroethylene	7.34		"	10.0		73.4	70-130				
Tetrahydrofuran	10.6		"	10.0		106	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	70-130				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Trichloroethylene	11.2		"	10.0		112	70-130				
Trichlorofluoromethane (Freon 11)	10.1		"	10.0		101	70-130				
Vinyl acetate	8.38		"	10.0		83.8	70-130				
Vinyl bromide	9.53		"	10.0		95.3	70-130				
Vinyl Chloride	8.78		"	10.0		87.8	70-130				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*70-130*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00210 - EPA TO15 PREP											
Duplicate (BE00210-DUP1) Duplicate	*Source sample: 20E0109-05 (SV13_050520)								Prepared: 05/06/2020 Analyzed: 05/08/2020		
1,1,1,2-Tetrachloroethane	ND	1.0	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.83	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.2	"		ND					25	
1,1,2-Trichloroethane	ND	0.83	"		ND					25	
1,1-Dichloroethane	ND	0.61	"		ND					25	
1,1-Dichloroethylene	ND	0.15	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	17	0.74	"		16				5.98	25	
1,2-Dibromoethane	ND	1.2	"		ND					25	
1,2-Dichlorobenzene	ND	0.91	"		ND					25	
1,2-Dichloroethane	ND	0.61	"		ND					25	
1,2-Dichloropropane	ND	0.70	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.1	"		ND					25	
1,3,5-Trimethylbenzene	5.8	0.74	"		5.5				5.26	25	
1,3-Butadiene	0.40	1.0	"		0.44				8.00	25	
1,3-Dichlorobenzene	ND	0.91	"		ND					25	
1,3-Dichloropropane	ND	0.70	"		ND					25	
1,4-Dichlorobenzene	ND	0.91	"		ND					25	
1,4-Dioxane	ND	1.1	"		ND					25	
2-Butanone	40	0.45	"		38				4.78	25	
2-Hexanone	11	1.2	"		11				2.23	25	
3-Chloropropene	ND	2.4	"		ND					25	
4-Methyl-2-pentanone	0.93	0.62	"		0.93				0.00	25	
Acetone	120	0.72	"		120				2.84	25	
Acrylonitrile	0.43	0.33	"		0.43				0.00	25	
Benzene	1.9	0.48	"		1.8				7.79	25	
Benzyl chloride	ND	0.78	"		ND					25	
Bromodichloromethane	ND	1.0	"		ND					25	
Bromoform	ND	1.6	"		ND					25	
Bromomethane	ND	0.59	"		ND					25	
Carbon disulfide	110	0.47	"		110				3.29	25	
Carbon tetrachloride	ND	0.24	"		ND					25	
Chlorobenzene	ND	0.70	"		ND					25	
Chloroethane	ND	0.40	"		ND					25	
Chloroform	13	0.74	"		12				2.95	25	
Chloromethane	0.41	0.31	"		0.34				16.7	25	
cis-1,2-Dichloroethylene	ND	0.15	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.69	"		ND					25	
Cyclohexane	3.1	0.52	"		3.2				1.65	25	
Dibromochloromethane	ND	1.3	"		ND					25	
Dichlorodifluoromethane	1.7	0.75	"		1.7				0.00	25	
Ethyl acetate	ND	1.1	"		ND					25	
Ethyl Benzene	4.9	0.66	"		4.7				5.48	25	
Hexachlorobutadiene	ND	1.6	"		ND					25	
Isopropanol	22	0.74	"		21				3.48	25	
Methyl Methacrylate	8.2	0.62	"		7.7				5.45	25	
Methyl tert-butyl ether (MTBE)	ND	0.55	"		ND					25	
Methylene chloride	ND	1.1	"		ND					25	
n-Heptane	4.4	0.62	"		4.8				8.11	25	
n-Hexane	3.6	0.53	"		3.6				1.48	25	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00210 - EPA TO15 PREP											
Duplicate (BE00210-DUP1) Duplicate	*Source sample: 20E0109-05 (SV13_050520)								Prepared: 05/06/2020 Analyzed: 05/08/2020		
o-Xylene	6.6	0.66	ug/m³		6.2				7.18	25	
p- & m- Xylenes	13	1.3	"		13				5.03	25	
p-Ethyltoluene	10	0.74	"		9.5				4.58	25	
Propylene	8.1	0.26	"		7.8				3.61	25	
Styrene	0.39	0.64	"		ND					25	
Tetrachloroethylene	ND	1.0	"		ND					25	
Tetrahydrofuran	ND	0.89	"		ND					25	
Toluene	22	0.57	"		20				5.71	25	
trans-1,2-Dichloroethylene	ND	0.60	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.69	"		ND					25	
Trichloroethylene	ND	0.20	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.7	0.85	"		1.7				0.00	25	
Vinyl acetate	ND	0.53	"		ND					25	
Vinyl bromide	ND	0.66	"		ND					25	
Vinyl Chloride	ND	0.19	"		ND					25	
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*ppbv*	*10.0*		*111*	*70-130*				
Batch BE00312 - EPA TO15 PREP											
Blank (BE00312-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00312 - EPA TO15 PREP											
Blank (BE00312-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Surrogate: SURR: p-Bromofluorobenzene	*9.85*		*ppbv*	*10.0*		*98.5*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00312 - EPA TO15 PREP											
LCS (BE00312-BS1) LCS							Prepared & Analyzed: 05/07/2020				
1,1,1,2-Tetrachloroethane	10.7		ppbv	10.0		107	70-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	70-130				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	70-130				
1,1,2-Trichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethane	10.5		"	10.0		105	70-130				
1,1-Dichloroethylene	11.0		"	10.0		110	70-130				
1,2,4-Trichlorobenzene	7.82		"	10.0		78.2	70-130				
1,2,4-Trimethylbenzene	11.4		"	10.0		114	70-130				
1,2-Dibromoethane	11.0		"	10.0		110	70-130				
1,2-Dichlorobenzene	11.2		"	10.0		112	70-130				
1,2-Dichloroethane	11.2		"	10.0		112	70-130				
1,2-Dichloropropane	11.0		"	10.0		110	70-130				
1,2-Dichlorotetrafluoroethane	10.5		"	10.0		105	70-130				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70-130				
1,3-Butadiene	10.6		"	10.0		106	70-130				
1,3-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,3-Dichloropropane	11.0		"	10.0		110	70-130				
1,4-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,4-Dioxane	10.4		"	10.0		104	70-130				
2-Butanone	10.4		"	10.0		104	70-130				
2-Hexanone	11.9		"	10.0		119	70-130				
3-Chloropropene	10.3		"	10.0		103	70-130				
4-Methyl-2-pentanone	11.6		"	10.0		116	70-130				
Acetone	10.2		"	10.0		102	70-130				
Acrylonitrile	10.1		"	10.0		101	70-130				
Benzene	10.1		"	10.0		101	70-130				
Benzyl chloride	9.32		"	10.0		93.2	70-130				
Bromodichloromethane	11.6		"	10.0		116	70-130				
Bromoform	11.3		"	10.0		113	70-130				
Bromomethane	9.99		"	10.0		99.9	70-130				
Carbon disulfide	10.7		"	10.0		107	70-130				
Carbon tetrachloride	11.1		"	10.0		111	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				
Chloroethane	10.9		"	10.0		109	70-130				
Chloroform	10.7		"	10.0		107	70-130				
Chloromethane	8.99		"	10.0		89.9	70-130				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	70-130				
cis-1,3-Dichloropropylene	11.7		"	10.0		117	70-130				
Cyclohexane	10.5		"	10.0		105	70-130				
Dibromochloromethane	11.2		"	10.0		112	70-130				
Dichlorodifluoromethane	11.4		"	10.0		114	70-130				
Ethyl acetate	12.9		"	10.0		129	70-130				
Ethyl Benzene	10.6		"	10.0		106	70-130				
Hexachlorobutadiene	10.2		"	10.0		102	70-130				
Isopropanol	10.1		"	10.0		101	70-130				
Methyl Methacrylate	11.0		"	10.0		110	70-130				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	70-130				
Methylene chloride	9.73		"	10.0		97.3	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	10.5		"	10.0		105	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00312 - EPA TO15 PREP											
LCS (BE00312-BS1) LCS								Prepared & Analyzed: 05/07/2020			
o-Xylene	10.8		ppbv	10.0		108	70-130				
p- & m- Xylenes	22.0		"	20.0		110	70-130				
p-Ethyltoluene	11.4		"	10.0		114	70-130				
Propylene	9.81		"	10.0		98.1	70-130				
Styrene	11.2		"	10.0		112	70-130				
Tetrachloroethylene	7.56		"	10.0		75.6	70-130				
Tetrahydrofuran	10.6		"	10.0		106	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Trichloroethylene	11.3		"	10.0		113	70-130				
Trichlorofluoromethane (Freon 11)	10.5		"	10.0		105	70-130				
Vinyl acetate	8.44		"	10.0		84.4	70-130				
Vinyl bromide	9.70		"	10.0		97.0	70-130				
Vinyl Chloride	8.84		"	10.0		88.4	70-130				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20E0109 ~~20E0108~~

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: Same
Address: 300 W 29th St 8th floor 2 Penn Plaza New York NY 10001	Address:	Address: Same
Phone: 212 479 5400	Phone:	Phone: Same
Contact: Kim Senor	Contact: Dina Palazzolo	Contact: Same
E-mail: KSenor@langan.com	E-mail: DPalazzolo@langan.com	E-mail: Same

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay St

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

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

Ethan Smith

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

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York 2 ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SV01_050520	Soil Vapor	5/5/2020 1356	TO-15 (Can 17350) Start 1159, -28 Hg, End 1356 -4.0 Hg	
SV02_050520		1400	(Can 16976) Start 1200 -30 Hg, End 1400 -4.0 Hg	
SV03_050520		1345	(Can 16953) Start 1202 -28.5 Hg, End 1345 -4.5 Hg	
SV11_050520		1359	(Can 34496) Start 1207 -28 Hg, End 1359 -4.5 Hg	
SV13_050520		1357	(Can 16955) Start 1204 -27 Hg, End 1357 -4.0 Hg	
SV15_050520		1403	(Can 24109) Start 1206 -28.5 Hg, End 1403 -4.0	
SV16_050520		1353	(Can 481) Start 1205 -28 Hg, End 1353 -4.0 Hg	
AA02_050520	Ambient Air	1406	(Can 28299) Start 1206 -29 Hg, End 1406 -5.0 Hg	
MS-SV02-050520	Soil	5/5/2020 730	VOCs, SVOCs, PCBs, Pest, Herbs, Metals, Cyanide	
MSD-SV02-050520	Soil	5/5/2020 730	Hex/Tri Chromium, PFAS, 1,4 Dioxane	

Comments: email CC Datamanagement@langan.com

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
E Smith / Langan	5/5/20 15:30		5/5/20		5/5/20 1842
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				K Blocker	5/5/20 1842 / 3.2 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/13/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0134

Report Date: 05/13/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0134

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 06, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20E0134-01	SB10_0-2	Soil	05/06/2020	05/06/2020
20E0134-02	SB10_6-8	Soil	05/06/2020	05/06/2020
20E0134-03	SB10_18-20	Soil	05/06/2020	05/06/2020
20E0134-04	SB14_0-2	Soil	05/06/2020	05/06/2020
20E0134-05	SB14_6-8	Soil	05/06/2020	05/06/2020
20E0134-06	SB14_18-20	Soil	05/06/2020	05/06/2020
20E0134-07	SODUP03_050620	Soil	05/06/2020	05/06/2020
20E0134-08	SOFB03_050620	Water	05/06/2020	05/06/2020
20E0134-09	Trip Blank	Water	05/06/2020	05/06/2020

General Notes for York Project (SDG) No.: 20E0134

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

Approved By: 

Date: 05/13/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.015**	B	mg/kg dry	0.0071	0.014	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.036	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C	05/07/2020 09:30	05/07/2020 12:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0601**	J	mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.186	0.372	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.204**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.187**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.191**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.125**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.165**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.102**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.229**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.484**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.113**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.181**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.374**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.372	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.4 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*54.8 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.2 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.4 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*4.32 %*	S-09	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.0 %*		*24-116*

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/08/2020 07:30	05/11/2020 14:55	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.369	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0696	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0480	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0327	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.0878**	J	ug/kg dry	0.0815	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.468**	J	ug/kg dry	0.0462	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0631	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0540	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.123	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0792	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0459	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0789	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.110	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.110	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0970	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0493	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0520	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0540	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0697	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
39108-34-4	* **1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**0.0346**	J	ug/kg dry	0.0270	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.193	0.528	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:07	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*55.0 %*	*25-150*
Surrogate: M5PFHxA	*50.3 %*	*25-150*
Surrogate: M4PFHpA	*72.8 %*	*25-150*
Surrogate: M3PFHxS	*59.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*57.7 %*	*25-150*
Surrogate: M6PFDA	*64.6 %*	*25-150*
Surrogate: M7PFUdA	*56.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*58.1 %*	*25-150*
Surrogate: M2PFTeDA	*54.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*72.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*54.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*50.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*41.4 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*67.2 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*72.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*82.6 %*	*25-150*
Surrogate: M2-8:2 FTS	*131 %*	*25-150*
Surrogate: M9PFNA	*67.5 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 10:31	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 10:31	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 10:31	CM

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	**alpha-Chlordane**	**0.0175**		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	**gamma-Chlordane**	**0.0123**		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	*** Chlordane, total**	**0.0998**		mg/kg dry	0.0364	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:31	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.6 %*	*30-150*

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 14:26	05/08/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 14:26	05/08/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 14:26	05/08/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 14:26	05/08/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 14:26	05/08/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 14:26	05/08/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 14:26	05/08/2020 14:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	05/07/2020 14:26	05/08/2020 14:55	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:17	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:17	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:17	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*36.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8150**		mg/kg dry	5.60	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.84**		mg/kg dry	1.68	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**76.3**		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.336	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**54800**		mg/kg dry	5.60	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**28.6**		mg/kg dry	0.560	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.87**		mg/kg dry	0.448	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**32.4**		mg/kg dry	2.24	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13300**		mg/kg dry	28.0	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**34.0**		mg/kg dry	0.560	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10700**		mg/kg dry	5.60	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**275**		mg/kg dry	0.560	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**52.5**		mg/kg dry	1.12	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**871**	B	mg/kg dry	5.60	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.560	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**219**		mg/kg dry	56.0	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**32.9**		mg/kg dry	1.12	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**76.7**		mg/kg dry	2.80	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB10_0-2 **York Sample ID:** 20E0134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 pm	05/06/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0400**		mg/kg dry	0.0336	1	EPA 7473	05/07/2020 10:55	05/07/2020 13:36	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**28.6**		mg/kg	0.500	1	Calculation	05/13/2020 10:14	05/13/2020 10:15	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.560	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	05/07/2020 09:35	05/07/2020 12:24	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB10_6-8** **York Sample ID:** **20E0134-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.019**	B	mg/kg dry	0.0053	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.026	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.193	0.386	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.193	0.386	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.193	0.386	2	EPA 8270D	05/08/2020 14:26	05/11/2020 11:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.4 %*	*24-116*

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/08/2020 07:30	05/11/2020 15:12	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.353	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0665	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0459	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0313	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0780	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0442	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0604	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0517	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0757	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0439	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0754	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.105	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.105	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**0.120**	J	ug/kg dry	0.0928	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0472	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0498	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0517	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0667	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0259	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.185	0.505	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 04:32	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*61.0 %*	*25-150*
Surrogate: M5PFHxA	*56.0 %*	*25-150*
Surrogate: M4PFHpA	*80.1 %*	*25-150*
Surrogate: M3PFHxS	*63.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*65.8 %*	*25-150*
Surrogate: M6PFDA	*69.8 %*	*25-150*
Surrogate: M7PFUdA	*68.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*60.7 %*	*25-150*
Surrogate: M2PFTeDA	*59.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*80.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*64.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*55.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*77.2 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*86.2 %*	*25-150*
Surrogate: M2-6:2 FTS	*102 %*	*25-150*
Surrogate: M2-8:2 FTS	*150 %*	*25-150*
Surrogate: M9PFNA	*71.5 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 10:48	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 10:48	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 10:48	CM

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0377	5	EPA 8081B	05/07/2020 14:26	05/11/2020 10:48	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*31.3 %*	*30-150*

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	05/07/2020 14:26	05/11/2020 12:28	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	05/07/2020 14:26	05/11/2020 12:28	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	05/07/2020 14:26	05/11/2020 12:28	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	05/07/2020 14:26	05/11/2020 12:28	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	05/07/2020 14:26	05/11/2020 12:28	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	05/07/2020 14:26	05/11/2020 12:28	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	05/07/2020 14:26	05/11/2020 12:28	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	05/07/2020 14:26	05/11/2020 12:28	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*31.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0235	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0235	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0235	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*78.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6940**		mg/kg dry	5.89	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.94	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.79**		mg/kg dry	1.77	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**61.9**		mg/kg dry	2.94	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.353	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3390**		mg/kg dry	5.89	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**32.2**		mg/kg dry	0.589	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**13.5**		mg/kg dry	0.471	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**49.0**		mg/kg dry	2.36	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15000**		mg/kg dry	29.4	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**74.0**		mg/kg dry	0.589	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7370**		mg/kg dry	5.89	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**158**		mg/kg dry	0.589	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**182**		mg/kg dry	1.18	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1140**	B	mg/kg dry	5.89	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.94	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**298**		mg/kg dry	58.9	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.94	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.7**		mg/kg dry	1.18	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**49.1**		mg/kg dry	2.94	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB10_6-8 **York Sample ID:** 20E0134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:10 pm	05/06/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.401**		mg/kg dry	0.0353	1	EPA 7473	05/07/2020 10:55	05/07/2020 14:08	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	05/08/2020 09:20	05/08/2020 14:42	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**32.2**		mg/kg	0.500	1	Calculation	05/13/2020 10:14	05/13/2020 10:15	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	1	EPA 9014/9010C	05/07/2020 16:42	05/07/2020 21:30	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	05/07/2020 09:35	05/07/2020 12:24	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB10_18-20** **York Sample ID:** **20E0134-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.080	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0051**	J, B	mg/kg dry	0.0040	0.0080	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.020	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 13:41	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.379	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.189	0.379	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.379	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.2 %*	*24-116*

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/08/2020 07:30	05/11/2020 15:46	KH

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*34.0 %*	S-08	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.351	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0660	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.0456	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0311	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0774	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0439	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0599	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0513	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0752	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0436	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0749	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.105	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.104	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0921	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0468	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0494	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0513	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0661	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0257	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.183	0.501	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 05:47	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*62.7 %*	*25-150*
Surrogate: M5PFHxA	*60.6 %*	*25-150*
Surrogate: M4PFHpA	*86.6 %*	*25-150*
Surrogate: M3PFHxS	*66.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*69.1 %*	*25-150*
Surrogate: M6PFDA	*74.0 %*	*25-150*
Surrogate: M7PFUdA	*66.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*59.7 %*	*25-150*
Surrogate: M2PFTeDA	*56.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*86.4 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*65.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*60.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*53.4 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*72.4 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*72.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*79.6 %*	*25-150*
Surrogate: M2-8:2 FTS	*104 %*	*25-150*
Surrogate: M9PFNA	*74.9 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:05	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:05	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:05	CM

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.191	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0382	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:05	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-150*

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:35	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0232	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:39	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:39	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:39	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*71.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5760**		mg/kg dry	5.84	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.75	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**40.9**		mg/kg dry	2.92	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1630**		mg/kg dry	5.84	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.5**		mg/kg dry	0.584	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.24**		mg/kg dry	0.467	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**58.6**		mg/kg dry	2.34	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14700**		mg/kg dry	29.2	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.74**		mg/kg dry	0.584	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3100**		mg/kg dry	5.84	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**273**		mg/kg dry	0.584	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**47.6**		mg/kg dry	1.17	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1140**	B	mg/kg dry	5.84	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.584	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**148**		mg/kg dry	58.4	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.5**		mg/kg dry	1.17	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**27.9**		mg/kg dry	2.92	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB10_18-20 **York Sample ID:** 20E0134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:20 pm	05/06/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0351	1	EPA 7473	05/07/2020 10:55	05/07/2020 15:02	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.5**		mg/kg	0.500	1	Calculation	05/13/2020 10:14	05/13/2020 10:15	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.584	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.6**		%	0.100	1	SM 2540G	05/07/2020 09:35	05/07/2020 12:24	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.011**	J, B	mg/kg dry	0.0058	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.029	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:09	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.165**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.207	0.414	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.326**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.207	0.414	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.729**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.735**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.574**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.379**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.583**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0603**	J	mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.749**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.116**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.103	0.206	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.72**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.0916**	J	mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.381**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.13**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.36**		mg/kg dry	0.0518	0.103	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.207	0.414	2	EPA 8270D	05/08/2020 14:26	05/11/2020 13:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.8 %*	*24-116*

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/08/2020 07:30	05/11/2020 16:04	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.390	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**0.0749**	J	ug/kg dry	0.0734	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.0942**	J	ug/kg dry	0.0507	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0345	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.520**	J	ug/kg dry	0.0860	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.483**	J	ug/kg dry	0.0488	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.0876**	J	ug/kg dry	0.0666	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0570	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.130	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0836	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0485	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0832	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.116	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.116	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**0.116**	J	ug/kg dry	0.102	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0520	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0549	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0570	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0735	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0285	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.204	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:11	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*66.7 %*	*25-150*
Surrogate: M5PFHxA	*61.8 %*	*25-150*
Surrogate: M4PFHpA	*89.1 %*	*25-150*
Surrogate: M3PFHxS	*69.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*71.1 %*	*25-150*
Surrogate: M6PFDA	*73.6 %*	*25-150*
Surrogate: M7PFUdA	*62.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*58.6 %*	*25-150*
Surrogate: M2PFTeDA	*55.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*89.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*65.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*60.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*49.2 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*74.6 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*72.0 %*	*25-150*
Surrogate: M2-6:2 FTS	*85.8 %*	*25-150*
Surrogate: M2-8:2 FTS	*105 %*	*25-150*
Surrogate: M9PFNA	*76.8 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:22	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:22	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:22	CM

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.203	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0406	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:22	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.2 %*	*30-150*

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:49	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:49	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:49	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:49	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:49	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:49	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:49	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A	05/07/2020 14:26	05/08/2020 15:49	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0246	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:50	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0246	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:50	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0246	1	EPA 8151A	05/08/2020 07:32	05/11/2020 12:50	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*81.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4990**		mg/kg dry	6.25	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.13	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.69**		mg/kg dry	1.88	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**453**		mg/kg dry	3.13	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.375	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1520**		mg/kg dry	6.25	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.2**		mg/kg dry	0.625	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.92**		mg/kg dry	0.500	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**30.5**		mg/kg dry	2.50	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**9690**		mg/kg dry	31.3	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**302**		mg/kg dry	0.625	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**907**		mg/kg dry	6.25	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**38.7**		mg/kg dry	0.625	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**31.2**		mg/kg dry	1.25	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**474**	B	mg/kg dry	6.25	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.13	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.625	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**142**		mg/kg dry	62.5	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.13	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.8**		mg/kg dry	1.25	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**55.7**		mg/kg dry	3.13	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB14_0-2 **York Sample ID:** 20E0134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:30 am	05/06/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0481**		mg/kg dry	0.0375	1	EPA 7473	05/07/2020 10:55	05/07/2020 15:09	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.625	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.2**		mg/kg	0.500	1	Calculation	05/13/2020 10:14	05/13/2020 10:15	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.625	1	EPA 9014/9010C	05/07/2020 08:45	05/07/2020 13:39	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.0**		%	0.100	1	SM 2540G	05/07/2020 09:35	05/07/2020 12:24	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB14_6-8** **York Sample ID:** **20E0134-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0057**		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.023**	B	mg/kg dry	0.0051	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.025	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	05/07/2020 09:30	05/07/2020 14:37	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.4 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.204	0.408	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.204	0.408	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.120**		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.120**		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0903**	J	mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0562**	J	mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0928**	J	mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.114**		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.234**		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0643**	J	mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0969**	J	mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.177**		mg/kg dry	0.0510	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.204	0.408	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*76.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.9 %*	*24-116*

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/08/2020 07:30	05/11/2020 16:21	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.390	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0735	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.0943**	J	ug/kg dry	0.0507	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0346	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.228**	J	ug/kg dry	0.0861	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0488	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0667	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0571	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.130	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0836	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0485	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0833	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.116	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.116	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.102	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0521	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0550	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0571	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0736	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0285	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.204	0.557	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 06:36	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*61.0 %*		*25-150*
Surrogate: M5PFHxA	*55.9 %*		*25-150*
Surrogate: M4PFHpA	*79.5 %*		*25-150*
Surrogate: M3PFHxS	*64.5 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*65.3 %*		*25-150*
Surrogate: M6PFDA	*72.3 %*		*25-150*
Surrogate: M7PFUdA	*63.5 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*55.2 %*		*25-150*
Surrogate: M2PFTeDA	*60.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*78.2 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*55.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*51.2 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*70.8 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*91.5 %*		*25-150*
Surrogate: M2-6:2 FTS	*108 %*		*25-150*
Surrogate: M2-8:2 FTS	*172 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*70.9 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:38	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:38	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:38	CM

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0404	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:38	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.8 %*	*30-150*

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:03	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:03	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:03	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:03	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:03	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:03	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:03	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:03	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.0 %*	S-GC	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0246	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:00	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0246	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:00	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0246	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:00	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*74.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7920**		mg/kg dry	6.19	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.09	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.34**		mg/kg dry	1.86	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**67.9**		mg/kg dry	3.09	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.371	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3670**		mg/kg dry	6.19	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**54.9**		mg/kg dry	0.619	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**24.4**		mg/kg dry	0.495	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**46.9**		mg/kg dry	2.47	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**20900**		mg/kg dry	30.9	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**99.2**		mg/kg dry	0.619	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**18700**		mg/kg dry	6.19	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**409**		mg/kg dry	0.619	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**391**		mg/kg dry	1.24	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**918**	B	mg/kg dry	6.19	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.09	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.619	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**158**		mg/kg dry	61.9	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.09	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.9**		mg/kg dry	1.24	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**68.8**		mg/kg dry	3.09	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB14_6-8 **York Sample ID:** 20E0134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:40 am	05/06/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.465**		mg/kg dry	0.0371	1	EPA 7473	05/07/2020 10:55	05/07/2020 15:18	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.619	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**54.9**		mg/kg	0.500	1	Calculation	05/13/2020 10:14	05/13/2020 10:15	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.619	1	EPA 9014/9010C	05/07/2020 16:42	05/07/2020 21:30	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.8**		%	0.100	1	SM 2540G	05/07/2020 09:35	05/07/2020 12:24	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: **SB14_18-20** **York Sample ID:** **20E0134-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.022**	B	mg/kg dry	0.0059	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.0057**	J	mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.030	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.218	0.437	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.218	0.437	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.218	0.437	2	EPA 8270D	05/08/2020 14:26	05/11/2020 14:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*64.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.4 %*	*24-116*

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/08/2020 07:30	05/11/2020 16:38	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.389	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0733	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.0806**	J	ug/kg dry	0.0506	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.0495**	J	ug/kg dry	0.0345	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.0863**	J	ug/kg dry	0.0858	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0487	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0665	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0569	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.129	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0834	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0484	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0831	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.116	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.116	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.102	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0519	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0548	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0569	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0734	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0285	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.203	0.556	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:26	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*62.1 %*	*25-150*
Surrogate: M5PFHxA	*56.3 %*	*25-150*
Surrogate: M4PFHpA	*82.0 %*	*25-150*
Surrogate: M3PFHxS	*64.8 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*64.7 %*	*25-150*
Surrogate: M6PFDA	*67.3 %*	*25-150*
Surrogate: M7PFUdA	*60.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*54.9 %*	*25-150*
Surrogate: M2PFTeDA	*56.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*81.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*61.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*56.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*49.8 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*62.8 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*73.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*92.7 %*	*25-150*
Surrogate: M2-8:2 FTS	*128 %*	*25-150*
Surrogate: M9PFNA	*72.5 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:55	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:55	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 11:55	CM

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.214	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0429	5	EPA 8081B	05/07/2020 14:26	05/11/2020 11:55	CM
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*26.5 %*	S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.9 %*		*30-150*

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0216	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:16	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0216	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:16	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0216	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:16	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0216	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:16	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0216	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:16	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0216	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:16	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0216	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:16	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0216	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:16	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.5 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*19.5 %*	S-GC	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0260	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:11	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0260	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:11	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0260	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:11	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*77.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9310**		mg/kg dry	6.56	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.28	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.64**		mg/kg dry	1.97	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**26.2**		mg/kg dry	3.28	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.066	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.394	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2680**		mg/kg dry	6.56	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**34.2**		mg/kg dry	0.656	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**13.4**		mg/kg dry	0.525	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**12.8**		mg/kg dry	2.62	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**20700**		mg/kg dry	32.8	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**21.1**		mg/kg dry	0.656	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**12200**		mg/kg dry	6.56	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**320**		mg/kg dry	0.656	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**176**		mg/kg dry	1.31	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1860**	B	mg/kg dry	6.56	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.28	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.656	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**573**		mg/kg dry	65.6	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.28	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.1**		mg/kg dry	1.31	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**40.5**		mg/kg dry	3.28	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB14_18-20 **York Sample ID:** 20E0134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 8:50 am	05/06/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0394	1	EPA 7473	05/07/2020 10:55	05/07/2020 15:27	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.656	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**34.2**		mg/kg	0.500	1	Calculation	05/13/2020 10:14	05/13/2020 10:15	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.656	1	EPA 9014/9010C	05/07/2020 16:42	05/07/2020 21:30	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.2**		%	0.100	1	SM 2540G	05/07/2020 09:35	05/07/2020 12:24	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0053**		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.018**	B	mg/kg dry	0.0053	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.026	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:33	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.205	0.410	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.205	0.410	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.120**		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.112**		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0867**	J	mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.0638**	J	mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0965**	J	mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.104**		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.197**		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0638**	J	mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0720**	J	mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.148**		mg/kg dry	0.0513	0.102	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.205	0.410	2	EPA 8270D	05/08/2020 14:26	05/11/2020 15:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.7 %*	*24-116*

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/08/2020 07:30	05/11/2020 16:55	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*39-83.1*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.417	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**0.0965**	J	ug/kg dry	0.0785	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**0.107**	J	ug/kg dry	0.0542	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0369	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.269**	J	ug/kg dry	0.0920	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0522	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.0713	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0610	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.139	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0894	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.0518	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.0890	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.124	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.124	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.110	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0557	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0588	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0610	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.0787	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.0305	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**0.709**		ug/kg dry	0.218	0.596	1	EPA 537m Certifications:	05/11/2020 10:39	05/13/2020 07:50	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*61.8 %*		*25-150*
Surrogate: M5PFHxA	*56.4 %*		*25-150*
Surrogate: M4PFHpA	*80.0 %*		*25-150*
Surrogate: M3PFHxS	*64.1 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*66.0 %*		*25-150*
Surrogate: M6PFDA	*70.5 %*		*25-150*
Surrogate: M7PFUdA	*66.6 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*58.6 %*		*25-150*
Surrogate: M2PFTeDA	*57.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*82.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*64.8 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*56.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*53.7 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*79.5 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*89.3 %*		*25-150*
Surrogate: M2-6:2 FTS	*146 %*		*25-150*
Surrogate: M2-8:2 FTS	*223 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*71.9 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 12:12	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 12:12	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2020 14:26	05/11/2020 12:12	CM

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.202	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0405	5	EPA 8081B	05/07/2020 14:26	05/11/2020 12:12	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.8 %*	*30-150*

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:30	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A	05/07/2020 14:26	05/08/2020 16:30	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.0 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*25.0 %*	S-GC	*30-150*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0242	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:22	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0242	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:22	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0242	1	EPA 8151A	05/08/2020 07:32	05/11/2020 13:22	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*75.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7710**		mg/kg dry	6.16	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.08	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.85	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**72.6**		mg/kg dry	3.08	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.369	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3910**		mg/kg dry	6.16	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**54.5**		mg/kg dry	0.616	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**24.7**		mg/kg dry	0.492	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**44.6**		mg/kg dry	2.46	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19800**		mg/kg dry	30.8	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**101**		mg/kg dry	0.616	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**18000**		mg/kg dry	6.16	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**416**		mg/kg dry	0.616	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**367**		mg/kg dry	1.23	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**952**	B	mg/kg dry	6.16	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.08	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.616	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**177**		mg/kg dry	61.6	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.08	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.9**		mg/kg dry	1.23	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**67.2**		mg/kg dry	3.08	1	EPA 6010D	05/07/2020 09:24	05/12/2020 11:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SODUP03_050620 **York Sample ID:** 20E0134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Soil	May 6, 2020 12:00 am	05/06/2020

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.516**		mg/kg dry	0.0369	1	EPA 7473	05/07/2020 10:55	05/07/2020 15:36	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.616	1	EPA 7196A	05/07/2020 16:28	05/07/2020 22:16	MAO
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**54.5**		mg/kg	0.500	1	Calculation	05/13/2020 10:14	05/13/2020 10:15	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.616	1	EPA 9014/9010C	05/07/2020 16:42	05/07/2020 21:30	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.2**		%	0.100	1	SM 2540G	05/07/2020 09:37	05/07/2020 12:39	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/07/2020 09:30	05/07/2020 15:45	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.7 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.26	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/L	5.26	10.5	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D	05/11/2020 08:28	05/11/2020 16:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.1 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*20.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*91.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.6 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND	CCV-L	ug/L	0.263	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM	05/11/2020 08:28	05/11/2020 19:20	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM	05/13/2020 07:54	05/13/2020 13:45	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

Pesticides, 8081 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:07	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
37324-23-5	Aroclor 1262	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
11100-14-4	Aroclor 1268	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:06	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	05/12/2020 07:57	05/12/2020 18:19	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	05/12/2020 07:57	05/12/2020 18:19	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	05/12/2020 07:57	05/12/2020 18:19	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-82-6	* 2,4-DB	ND		ug/L	5.00	1	EPA 8151A	05/12/2020 07:57	05/12/2020 18:19	BJ
							Certifications:			
75-99-0	* Dalapon	ND		ug/L	5.00	1	EPA 8151A	05/12/2020 07:57	05/12/2020 18:19	BJ
							Certifications: CTDOH			
1918-00-9	Dicamba	ND		ug/L	5.00	1	EPA 8151A	05/12/2020 07:57	05/12/2020 18:19	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*70.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 12:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 12:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 11:45	05/12/2020 12:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 11:45	05/12/2020 12:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 12:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 12:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB03_050620 **York Sample ID:** 20E0134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:50 pm	05/06/2020

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.00030**		mg/L	0.00020	1	EPA 7473	05/08/2020 08:38	05/08/2020 12:54	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/06/2020 18:02	05/06/2020 20:16	ZTS
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/13/2020 10:17	05/13/2020 10:17	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/07/2020 12:22	05/08/2020 14:00	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **20E0134-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:00 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 20E0134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:00 am	05/06/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 20E0134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:00 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **20E0134-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0134	170610601	Water	May 6, 2020 12:00 am	05/06/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/07/2020 09:30	05/07/2020 16:13	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*79-122*

Analytical Batch Summary

Batch ID: BE00232 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/06/20
BE00232-BLK1	Blank	05/06/20
BE00232-BS1	LCS	05/06/20
BE00232-DUP1	Duplicate	05/06/20
BE00232-MS1	Matrix Spike	05/06/20

Batch ID: BE00241 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/07/20
20E0134-03	SB10_18-20	05/07/20
20E0134-04	SB14_0-2	05/07/20
BE00241-BLK1	Blank	05/07/20
BE00241-SRM1	Reference	05/07/20

Batch ID: BE00248 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/07/20
20E0134-02	SB10_6-8	05/07/20
20E0134-03	SB10_18-20	05/07/20
20E0134-04	SB14_0-2	05/07/20
20E0134-05	SB14_6-8	05/07/20
20E0134-06	SB14_18-20	05/07/20
20E0134-07	SODUP03_050620	05/07/20
BE00248-BLK1	Blank	05/07/20
BE00248-DUP1	Duplicate	05/07/20
BE00248-MS1	Matrix Spike	05/07/20
BE00248-PS1	Post Spike	05/07/20
BE00248-SRM1	Reference	05/07/20

Batch ID: BE00250 **Preparation Method:** EPA 5035A **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/07/20
20E0134-02	SB10_6-8	05/07/20
20E0134-03	SB10_18-20	05/07/20
20E0134-04	SB14_0-2	05/07/20
20E0134-05	SB14_6-8	05/07/20
20E0134-06	SB14_18-20	05/07/20
20E0134-07	SODUP03_050620	05/07/20
BE00250-BLK1	Blank	05/07/20
BE00250-BLK2	Blank	05/07/20
BE00250-BLK3	Blank	05/07/20

BE00250-BS1	LCS	05/07/20
BE00250-BSD1	LCS Dup	05/07/20
BE00250-MS1	Matrix Spike	05/07/20
BE00250-MSD1	Matrix Spike Dup	05/07/20

Batch ID: BE00254 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/07/20
20E0134-02	SB10_6-8	05/07/20
20E0134-03	SB10_18-20	05/07/20
20E0134-04	SB14_0-2	05/07/20
20E0134-05	SB14_6-8	05/07/20
20E0134-06	SB14_18-20	05/07/20
BE00254-DUP1	Duplicate	05/07/20

Batch ID: BE00255 **Preparation Method:** EPA 5030B **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/07/20
20E0134-09	Trip Blank	05/07/20
BE00255-BLK1	Blank	05/07/20
BE00255-BS1	LCS	05/07/20
BE00255-BS2	LCS	05/07/20
BE00255-BSD1	LCS Dup	05/07/20
BE00255-BSD2	LCS Dup	05/07/20

Batch ID: BE00258 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-07	SODUP03_050620	05/07/20

Batch ID: BE00262 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/07/20
20E0134-02	SB10_6-8	05/07/20
20E0134-03	SB10_18-20	05/07/20
20E0134-04	SB14_0-2	05/07/20
20E0134-05	SB14_6-8	05/07/20
20E0134-06	SB14_18-20	05/07/20
20E0134-07	SODUP03_050620	05/07/20
BE00262-BLK1	Blank	05/07/20
BE00262-DUP1	Duplicate	05/07/20
BE00262-MS1	Matrix Spike	05/07/20
BE00262-SRM1	Reference	05/07/20

Batch ID: BE00268 **Preparation Method:** Analysis Preparation **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/07/20
BE00268-BLK1	Blank	05/07/20
BE00268-SRM1	Reference	05/07/20

Batch ID: BE00279 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/07/20
20E0134-01	SB10_0-2	05/07/20
20E0134-02	SB10_6-8	05/07/20
20E0134-02	SB10_6-8	05/07/20
20E0134-03	SB10_18-20	05/07/20
20E0134-03	SB10_18-20	05/07/20
20E0134-04	SB14_0-2	05/07/20
20E0134-04	SB14_0-2	05/07/20
20E0134-05	SB14_6-8	05/07/20
20E0134-05	SB14_6-8	05/07/20
20E0134-06	SB14_18-20	05/07/20
20E0134-06	SB14_18-20	05/07/20
20E0134-07	SODUP03_050620	05/07/20
20E0134-07	SODUP03_050620	05/07/20
BE00279-BLK1	Blank	05/07/20
BE00279-BLK2	Blank	05/07/20
BE00279-BS1	LCS	05/07/20
BE00279-BS2	LCS	05/07/20
BE00279-MS1	Matrix Spike	05/07/20
BE00279-MS2	Matrix Spike	05/07/20
BE00279-MSD1	Matrix Spike Dup	05/07/20
BE00279-MSD2	Matrix Spike Dup	05/07/20

Batch ID: BE00289 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/07/20
20E0134-03	SB10_18-20	05/07/20
20E0134-04	SB14_0-2	05/07/20
20E0134-05	SB14_6-8	05/07/20
20E0134-06	SB14_18-20	05/07/20
20E0134-07	SODUP03_050620	05/07/20
BE00289-BLK1	Blank	05/07/20
BE00289-SRM1	Reference	05/07/20

Batch ID: BE00290 **Preparation Method:** Analysis Preparation Soil **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-02	SB10_6-8	05/07/20
20E0134-05	SB14_6-8	05/07/20

20E0134-06	SB14_18-20	05/07/20
20E0134-07	SODUP03_050620	05/07/20
BE00290-BLK1	Blank	05/07/20
BE00290-DUP1	Duplicate	05/07/20
BE00290-MS1	Matrix Spike	05/07/20
BE00290-SRM1	Reference	05/07/20

Batch ID: BE00297 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/08/20
20E0134-02	SB10_6-8	05/08/20
20E0134-03	SB10_18-20	05/08/20
20E0134-04	SB14_0-2	05/08/20
20E0134-05	SB14_6-8	05/08/20
20E0134-06	SB14_18-20	05/08/20
20E0134-07	SODUP03_050620	05/08/20
BE00297-BLK1	Blank	05/08/20
BE00297-BS1	LCS	05/08/20
BE00297-MS1	Matrix Spike	05/08/20
BE00297-MSD1	Matrix Spike Dup	05/08/20

Batch ID: BE00298 **Preparation Method:** EPA 3550C/8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/08/20
20E0134-02	SB10_6-8	05/08/20
20E0134-03	SB10_18-20	05/08/20
20E0134-04	SB14_0-2	05/08/20
20E0134-05	SB14_6-8	05/08/20
20E0134-06	SB14_18-20	05/08/20
20E0134-07	SODUP03_050620	05/08/20
BE00298-BLK1	Blank	05/08/20
BE00298-BS1	LCS	05/08/20
BE00298-MS1	Matrix Spike	05/08/20
BE00298-MSD1	Matrix Spike Dup	05/08/20

Batch ID: BE00303 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/08/20
BE00303-BLK1	Blank	05/08/20
BE00303-SRM1	Reference	05/08/20

Batch ID: BE00309 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-02	SB10_6-8	05/08/20
BE00309-BLK1	Blank	05/08/20

BE00309-DUP1	Duplicate	05/08/20
BE00309-MS1	Matrix Spike	05/08/20
BE00309-SRM1	Reference	05/08/20

Batch ID: BE00338 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/08/20
20E0134-02	SB10_6-8	05/08/20
20E0134-03	SB10_18-20	05/08/20
20E0134-04	SB14_0-2	05/08/20
20E0134-05	SB14_6-8	05/08/20
20E0134-06	SB14_18-20	05/08/20
20E0134-07	SODUP03_050620	05/08/20
BE00338-BLK1	Blank	05/08/20
BE00338-BS1	LCS	05/08/20
BE00338-MS1	Matrix Spike	05/08/20
BE00338-MSD1	Matrix Spike Dup	05/08/20

Batch ID: BE00361 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/11/20
20E0134-08	SOFB03_050620	05/11/20
BE00361-BLK1	Blank	05/11/20
BE00361-BLK2	Blank	05/11/20
BE00361-BS1	LCS	05/11/20
BE00361-BS2	LCS	05/11/20
BE00361-BSD1	LCS Dup	05/11/20
BE00361-BSD2	LCS Dup	05/11/20

Batch ID: BE00366 **Preparation Method:** EPA 3510C **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/11/20
BE00366-BLK1	Blank	05/11/20
BE00366-BLK2	Blank	05/11/20
BE00366-BS1	LCS	05/11/20
BE00366-BS2	LCS	05/11/20
BE00366-BSD1	LCS Dup	05/11/20

Batch ID: BE00385 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** KT

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/11/20
20E0134-02	SB10_6-8	05/11/20
20E0134-03	SB10_18-20	05/11/20
20E0134-04	SB14_0-2	05/11/20
20E0134-05	SB14_6-8	05/11/20

20E0134-06	SB14_18-20	05/11/20
20E0134-07	SODUP03_050620	05/11/20
BE00385-BLK1	Blank	05/11/20
BE00385-BS1	LCS	05/11/20
BE00385-MS1	Matrix Spike	05/11/20
BE00385-MSD1	Matrix Spike Dup	05/11/20

Batch ID: BE00394 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/11/20
BE00394-BLK1	Blank	05/11/20
BE00394-BS1	LCS	05/11/20

Batch ID: BE00395 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/11/20
BE00395-BLK1	Blank	05/11/20
BE00395-BS1	LCS	05/11/20

Batch ID: BE00428 **Preparation Method:** EPA 8151A **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/12/20
BE00428-BLK1	Blank	05/12/20
BE00428-BS1	LCS	05/12/20
BE00428-BSD1	LCS Dup	05/12/20

Batch ID: BE00488 **Preparation Method:** EPA 3535A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/13/20
BE00488-BLK1	Blank	05/13/20
BE00488-BS1	LCS	05/13/20

Batch ID: BE00513 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-01	SB10_0-2	05/13/20
20E0134-02	SB10_6-8	05/13/20
20E0134-03	SB10_18-20	05/13/20
20E0134-04	SB14_0-2	05/13/20
20E0134-05	SB14_6-8	05/13/20
20E0134-06	SB14_18-20	05/13/20
20E0134-07	SODUP03_050620	05/13/20

Batch ID: BE00515 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0134-08	SOFB03_050620	05/13/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
Blank (BE00250-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

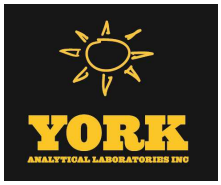
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
Blank (BE00250-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*ug/L*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.3*	*76-130*				
Blank (BE00250-BLK2) Blank									Prepared & Analyzed: 05/07/2020		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
Blank (BE00250-BLK2) Blank									Prepared & Analyzed: 05/07/2020		
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

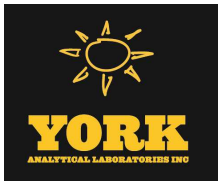
York Analytical Laboratories, Inc.

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

Batch BE00250 - EPA 5035A

Blank (BE00250-BLK3) Holding Blank - 20E0055 — Prepared & Analyzed: 05/07/2020

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2-Butanone	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	0.010	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	0.0066	0.010	"
n-Butylbenzene	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
Blank (BE00250-BLK3) Holding Blank - 20E0055								Prepared & Analyzed: 05/07/2020			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.5*	*76-130*				
LCS (BE00250-BS1) LCS								Prepared & Analyzed: 05/07/2020			
1,1,1,2-Tetrachloroethane	46.0		ug/L	50.0		92.0	75-129				
1,1,1-Trichloroethane	49.4		"	50.0		98.8	71-137				
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.7	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.3		"	50.0		113	58-146				
1,1,2-Trichloroethane	47.5		"	50.0		95.0	83-123				
1,1-Dichloroethane	48.1		"	50.0		96.2	75-130				
1,1-Dichloroethylene	52.4		"	50.0		105	64-137				
1,2,3-Trichlorobenzene	43.8		"	50.0		87.7	81-140				
1,2,3-Trichloropropane	44.4		"	50.0		88.8	81-126				
1,2,4-Trichlorobenzene	47.7		"	50.0		95.4	80-141				
1,2,4-Trimethylbenzene	46.8		"	50.0		93.7	84-125				
1,2-Dibromo-3-chloropropane	44.9		"	50.0		89.9	74-142				
1,2-Dibromoethane	47.2		"	50.0		94.4	86-123				
1,2-Dichlorobenzene	45.9		"	50.0		91.9	85-122				
1,2-Dichloroethane	48.4		"	50.0		96.8	71-133				
1,2-Dichloropropane	47.3		"	50.0		94.6	81-122				
1,3,5-Trimethylbenzene	47.1		"	50.0		94.2	82-126				
1,3-Dichlorobenzene	45.2		"	50.0		90.4	84-124				
1,4-Dichlorobenzene	46.1		"	50.0		92.2	84-124				
1,4-Dioxane	866		"	1050		82.5	10-228				
2-Butanone	42.1		"	50.0		84.2	58-147				
2-Hexanone	48.4		"	50.0		96.7	70-139				
4-Methyl-2-pentanone	50.1		"	50.0		100	72-132				
Acetone	37.9		"	50.0		75.8	36-155				
Acrolein	41.8		"	50.0		83.5	10-238				
Acrylonitrile	50.9		"	50.0		102	66-141				
Benzene	49.9		"	50.0		99.8	77-127				
Bromochloromethane	51.3		"	50.0		103	74-129				
Bromodichloromethane	47.3		"	50.0		94.7	81-124				
Bromoform	43.0		"	50.0		86.1	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
LCS (BE00250-BS1) LCS							Prepared & Analyzed: 05/07/2020				
Bromomethane	59.5		ug/L	50.0		119	32-177				
Carbon disulfide	53.0		"	50.0		106	10-136				
Carbon tetrachloride	47.4		"	50.0		94.7	66-143				
Chlorobenzene	47.1		"	50.0		94.1	86-120				
Chloroethane	50.1		"	50.0		100	51-142				
Chloroform	48.7		"	50.0		97.5	76-131				
Chloromethane	45.8		"	50.0		91.6	49-132				
cis-1,2-Dichloroethylene	49.6		"	50.0		99.1	74-132				
cis-1,3-Dichloropropylene	47.9		"	50.0		95.7	81-129				
Cyclohexane	49.9		"	50.0		99.9	70-130				
Dibromochloromethane	46.8		"	50.0		93.6	10-200				
Dibromomethane	47.6		"	50.0		95.2	83-124				
Dichlorodifluoromethane	55.6		"	50.0		111	28-158				
Ethyl Benzene	47.7		"	50.0		95.4	84-125				
Hexachlorobutadiene	45.5		"	50.0		91.1	83-133				
Isopropylbenzene	46.1		"	50.0		92.2	81-127				
Methyl acetate	44.1		"	50.0		88.2	41-143				
Methyl tert-butyl ether (MTBE)	48.8		"	50.0		97.5	74-131				
Methylcyclohexane	48.7		"	50.0		97.5	70-130				
Methylene chloride	48.4		"	50.0		96.9	57-141				
n-Butylbenzene	48.9		"	50.0		97.8	80-130				
n-Propylbenzene	47.5		"	50.0		95.0	74-136				
o-Xylene	47.1		"	50.0		94.2	83-123				
p- & m- Xylenes	97.6		"	100		97.6	82-128				
p-Isopropyltoluene	48.5		"	50.0		97.0	85-125				
sec-Butylbenzene	49.5		"	50.0		99.1	83-125				
Styrene	48.0		"	50.0		96.1	86-126				
tert-Butyl alcohol (TBA)	208		"	250		83.4	70-130				
tert-Butylbenzene	46.1		"	50.0		92.3	80-127				
Tetrachloroethylene	44.0		"	50.0		88.1	80-129				
Toluene	48.0		"	50.0		96.0	85-121				
trans-1,2-Dichloroethylene	53.2		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	45.7		"	50.0		91.5	78-132				
Trichloroethylene	48.3		"	50.0		96.7	84-123				
Trichlorofluoromethane	47.0		"	50.0		94.1	62-140				
Vinyl Chloride	49.4		"	50.0		98.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
LCS Dup (BE00250-BSD1) LCS Dup								Prepared & Analyzed: 05/07/2020			
1,1,1,2-Tetrachloroethane	50.1		ug/L	50.0		100	75-129		8.59	30	
1,1,1-Trichloroethane	55.4		"	50.0		111	71-137		11.4	30	
1,1,2,2-Tetrachloroethane	58.0		"	50.0		116	79-129		18.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64.3		"	50.0		129	58-146		13.3	30	
1,1,2-Trichloroethane	52.8		"	50.0		106	83-123		10.5	30	
1,1-Dichloroethane	54.2		"	50.0		108	75-130		11.9	30	
1,1-Dichloroethylene	59.4		"	50.0		119	64-137		12.5	30	
1,2,3-Trichlorobenzene	51.9		"	50.0		104	81-140		16.9	30	
1,2,3-Trichloropropane	52.6		"	50.0		105	81-126		16.9	30	
1,2,4-Trichlorobenzene	53.9		"	50.0		108	80-141		12.3	30	
1,2,4-Trimethylbenzene	53.7		"	50.0		107	84-125		13.7	30	
1,2-Dibromo-3-chloropropane	54.8		"	50.0		110	74-142		19.7	30	
1,2-Dibromoethane	52.6		"	50.0		105	86-123		10.8	30	
1,2-Dichlorobenzene	52.9		"	50.0		106	85-122		14.1	30	
1,2-Dichloroethane	55.0		"	50.0		110	71-133		12.8	30	
1,2-Dichloropropane	52.9		"	50.0		106	81-122		11.3	30	
1,3,5-Trimethylbenzene	53.4		"	50.0		107	82-126		12.4	30	
1,3-Dichlorobenzene	51.0		"	50.0		102	84-124		12.0	30	
1,4-Dichlorobenzene	52.0		"	50.0		104	84-124		12.0	30	
1,4-Dioxane	1030		"	1050		98.4	10-228		17.6	30	
2-Butanone	54.6		"	50.0		109	58-147		25.9	30	
2-Hexanone	55.8		"	50.0		112	70-139		14.3	30	
4-Methyl-2-pentanone	57.5		"	50.0		115	72-132		13.8	30	
Acetone	44.3		"	50.0		88.6	36-155		15.6	30	
Acrolein	48.0		"	50.0		96.1	10-238		14.0	30	
Acrylonitrile	58.9		"	50.0		118	66-141		14.5	30	
Benzene	56.4		"	50.0		113	77-127		12.2	30	
Bromochloromethane	58.6		"	50.0		117	74-129		13.2	30	
Bromodichloromethane	53.3		"	50.0		107	81-124		11.8	30	
Bromoform	47.4		"	50.0		94.8	80-136		9.64	30	
Bromomethane	67.1		"	50.0		134	32-177		12.0	30	
Carbon disulfide	60.1		"	50.0		120	10-136		12.6	30	
Carbon tetrachloride	53.8		"	50.0		108	66-143		12.8	30	
Chlorobenzene	51.0		"	50.0		102	86-120		8.04	30	
Chloroethane	55.8		"	50.0		112	51-142		10.8	30	
Chloroform	55.4		"	50.0		111	76-131		12.7	30	
Chloromethane	49.8		"	50.0		99.6	49-132		8.28	30	
cis-1,2-Dichloroethylene	56.0		"	50.0		112	74-132		12.1	30	
cis-1,3-Dichloropropylene	52.9		"	50.0		106	81-129		10.1	30	
Cyclohexane	55.7		"	50.0		111	70-130		10.9	30	
Dibromochloromethane	53.5		"	50.0		107	10-200		13.4	30	
Dibromomethane	52.9		"	50.0		106	83-124		10.5	30	
Dichlorodifluoromethane	61.8		"	50.0		124	28-158		10.5	30	
Ethyl Benzene	52.8		"	50.0		106	84-125		10.2	30	
Hexachlorobutadiene	49.8		"	50.0		99.6	83-133		8.94	30	
Isopropylbenzene	52.4		"	50.0		105	81-127		12.9	30	
Methyl acetate	52.4		"	50.0		105	41-143		17.3	30	
Methyl tert-butyl ether (MTBE)	56.6		"	50.0		113	74-131		14.9	30	
Methylcyclohexane	53.3		"	50.0		107	70-130		9.01	30	
Methylene chloride	54.7		"	50.0		109	57-141		12.2	30	
n-Butylbenzene	51.1		"	50.0		102	80-130		4.40	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

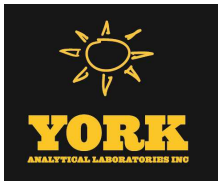
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
LCS Dup (BE00250-BSD1) LCS Dup								Prepared & Analyzed: 05/07/2020			
n-Propylbenzene	53.9		ug/L	50.0		108	74-136		12.7	30	
o-Xylene	51.8		"	50.0		104	83-123		9.59	30	
p- & m- Xylenes	107		"	100		107	82-128		9.61	30	
p-Isopropyltoluene	54.4		"	50.0		109	85-125		11.6	30	
sec-Butylbenzene	56.4		"	50.0		113	83-125		13.0	30	
Styrene	52.9		"	50.0		106	86-126		9.55	30	
tert-Butyl alcohol (TBA)	248		"	250		99.1	70-130		17.3	30	
tert-Butylbenzene	52.7		"	50.0		105	80-127		13.2	30	
Tetrachloroethylene	47.8		"	50.0		95.7	80-129		8.27	30	
Toluene	53.2		"	50.0		106	85-121		10.4	30	
trans-1,2-Dichloroethylene	60.4		"	50.0		121	72-132		12.6	30	
trans-1,3-Dichloropropylene	51.4		"	50.0		103	78-132		11.7	30	
Trichloroethylene	53.4		"	50.0		107	84-123		10.0	30	
Trichlorofluoromethane	53.0		"	50.0		106	62-140		11.8	30	
Vinyl Chloride	54.0		"	50.0		108	52-130		9.03	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				
Matrix Spike (BE00250-MS1) Matrix Spike *Source sample: 20E0134-02 (SB10_6-8)								Prepared & Analyzed: 05/07/2020			
1,1,1,2-Tetrachloroethane	9.05		ug/L	50.0	0.00	18.1	15-161				
1,1,1-Trichloroethane	16.9		"	50.0	0.00	33.8	42-145	Low Bias			
1,1,2,2-Tetrachloroethane	12.2		"	50.0	0.00	24.3	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.3		"	50.0	0.00	26.6	11-160				
1,1,2-Trichloroethane	11.9		"	50.0	0.00	23.9	44-145	Low Bias			
1,1-Dichloroethane	14.7		"	50.0	0.00	29.4	46-142	Low Bias			
1,1-Dichloroethylene	5.76		"	50.0	0.00	11.5	30-153	Low Bias			
1,2,3-Trichlorobenzene	0.00		"	50.0	0.00		10-157	Low Bias			
1,2,3-Trichloropropane	11.6		"	50.0	0.00	23.3	38-155	Low Bias			
1,2,4-Trichlorobenzene	0.00		"	50.0	0.00		10-151	Low Bias			
1,2,4-Trimethylbenzene	2.63		"	50.0	0.00	5.26	10-170	Low Bias			
1,2-Dibromo-3-chloropropane	7.00		"	50.0	0.00	14.0	36-138	Low Bias			
1,2-Dibromoethane	3.20		"	50.0	0.00	6.40	40-142	Low Bias			
1,2-Dichlorobenzene	0.00		"	50.0	0.00		10-147	Low Bias			
1,2-Dichloroethane	6.83		"	50.0	0.00	13.7	48-133	Low Bias			
1,2-Dichloropropane	15.2		"	50.0	0.00	30.4	47-141	Low Bias			
1,3,5-Trimethylbenzene	2.97		"	50.0	0.00	5.94	10-150	Low Bias			
1,3-Dichlorobenzene	0.00		"	50.0	0.00		10-144	Low Bias			
1,4-Dichlorobenzene	0.00		"	50.0	0.00		10-160	Low Bias			
1,4-Dioxane	301		"	1050	0.00	28.7	10-191				
2-Butanone	10.6		"	50.0	0.00	21.1	10-189				
2-Hexanone	11.6		"	50.0	0.00	23.3	10-181				
4-Methyl-2-pentanone	22.4		"	50.0	0.00	44.8	10-166				
Acetone	34.6		"	50.0	15.8	37.6	10-196				
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias			
Acrylonitrile	7.94		"	50.0	0.00	15.9	13-161				
Benzene	10.0		"	50.0	0.00	20.1	43-139	Low Bias			
Bromochloromethane	5.05		"	50.0	0.00	10.1	38-145	Low Bias			
Bromodichloromethane	7.94		"	50.0	0.00	15.9	38-147	Low Bias			
Bromoform	7.33		"	50.0	0.00	14.7	29-156	Low Bias			
Bromomethane	9.06		"	50.0	0.00	18.1	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
Matrix Spike (BE00250-MS1) Matrix Spike	*Source sample: 20E0134-02 (SB10_6-8)							Prepared & Analyzed: 05/07/2020			
Carbon disulfide	0.00		ug/L	50.0	0.00		10-131	Low Bias			
Carbon tetrachloride	4.67		"	50.0	0.00	9.34	35-145	Low Bias			
Chlorobenzene	3.15		"	50.0	0.00	6.30	21-154	Low Bias			
Chloroethane	9.41		"	50.0	0.00	18.8	15-160				
Chloroform	12.3		"	50.0	0.00	24.6	47-142	Low Bias			
Chloromethane	11.8		"	50.0	0.00	23.6	10-159				
cis-1,2-Dichloroethylene	3.62		"	50.0	0.00	7.24	42-144	Low Bias			
cis-1,3-Dichloropropylene	2.67		"	50.0	0.00	5.34	18-159	Low Bias			
Cyclohexane	8.42		"	50.0	0.00	16.8	70-130	Low Bias			
Dibromochloromethane	6.13		"	50.0	0.00	12.3	10-179				
Dibromomethane	3.49		"	50.0	0.00	6.98	47-143	Low Bias			
Dichlorodifluoromethane	13.4		"	50.0	0.00	26.7	10-145				
Ethyl Benzene	4.30		"	50.0	0.00	8.60	11-158	Low Bias			
Hexachlorobutadiene	0.00		"	50.0	0.00		10-158	Low Bias			
Isopropylbenzene	3.86		"	50.0	0.00	7.72	10-162	Low Bias			
Methyl acetate	19.0		"	50.0	0.00	37.9	10-149				
Methyl tert-butyl ether (MTBE)	26.5		"	50.0	0.00	52.9	42-152				
Methylcyclohexane	3.49		"	50.0	0.00	6.98	70-130	Low Bias			
Methylene chloride	7.15		"	50.0	0.00	14.3	28-151	Low Bias			
n-Butylbenzene	0.00		"	50.0	0.00		10-162	Low Bias			
n-Propylbenzene	0.00		"	50.0	0.00		10-155	Low Bias			
o-Xylene	5.66		"	50.0	0.00	11.3	10-158				
p- & m- Xylenes	7.92		"	100	0.00	7.92	10-156	Low Bias			
p-Isopropyltoluene	0.00		"	50.0	0.00		10-147	Low Bias			
sec-Butylbenzene	0.00		"	50.0	0.00		10-157	Low Bias			
Styrene	0.00		"	50.0	0.00		13-171	Low Bias			
tert-Butyl alcohol (TBA)	107		"	250	0.00	42.6	34-179				
tert-Butylbenzene	3.15		"	50.0	0.00	6.30	10-160	Low Bias			
Tetrachloroethylene	3.21		"	50.0	0.00	6.42	30-167	Low Bias			
Toluene	5.81		"	50.0	0.00	11.6	21-160	Low Bias			
trans-1,2-Dichloroethylene	0.00		"	50.0	0.00		29-153	Low Bias			
trans-1,3-Dichloropropylene	0.00		"	50.0	0.00		18-155	Low Bias			
Trichloroethylene	3.37		"	50.0	0.00	6.74	24-169	Low Bias			
Trichlorofluoromethane	14.3		"	50.0	0.00	28.7	35-142	Low Bias			
Vinyl Chloride	5.35		"	50.0	0.00	10.7	12-160	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.5*		*"*	*50.0*		*93.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
Matrix Spike Dup (BE00250-M Matrix Spike Dup	*Source sample: 20E0134-02 (SB10_6-8)								Prepared & Analyzed: 05/07/2020		
1,1,1,2-Tetrachloroethane	24.0		ug/L	50.0	0.00	47.9	15-161		90.3	33	Non-dir.
1,1,1-Trichloroethane	35.4		"	50.0	0.00	70.8	42-145		70.6	30	Non-dir.
1,1,2,2-Tetrachloroethane	29.2		"	50.0	0.00	58.4	16-167		82.5	56	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36.9		"	50.0	0.00	73.9	11-160		94.1	31	Non-dir.
1,1,2-Trichloroethane	24.2		"	50.0	0.00	48.4	44-145		67.9	40	Non-dir.
1,1-Dichloroethane	29.9		"	50.0	0.00	59.9	46-142		68.3	36	Non-dir.
1,1-Dichloroethylene	23.2		"	50.0	0.00	46.4	30-153		120	31	Non-dir.
1,2,3-Trichlorobenzene	5.26		"	50.0	0.00	10.5	10-157			47	
1,2,3-Trichloropropane	24.9		"	50.0	0.00	49.8	38-155		72.6	48	Non-dir.
1,2,4-Trichlorobenzene	3.46		"	50.0	0.00	6.92	10-151	Low Bias		52	
1,2,4-Trimethylbenzene	18.2		"	50.0	0.00	36.3	10-170		149	242	
1,2-Dibromo-3-chloropropane	19.6		"	50.0	0.00	39.2	36-138		94.8	54	Non-dir.
1,2-Dibromoethane	6.47		"	50.0	0.00	12.9	40-142	Low Bias	67.6	39	Non-dir.
1,2-Dichlorobenzene	8.40		"	50.0	0.00	16.8	10-147			52	
1,2-Dichloroethane	13.9		"	50.0	0.00	27.8	48-133	Low Bias	68.2	32	Non-dir.
1,2-Dichloropropane	29.9		"	50.0	0.00	59.8	47-141		65.3	37	Non-dir.
1,3,5-Trimethylbenzene	21.8		"	50.0	0.00	43.6	10-150		152	62	Non-dir.
1,3-Dichlorobenzene	5.06		"	50.0	0.00	10.1	10-144			51	
1,4-Dichlorobenzene	3.31		"	50.0	0.00	6.62	10-160	Low Bias		52	
1,4-Dioxane	1040		"	1050	0.00	98.8	10-191		110	196	
2-Butanone	35.8		"	50.0	0.00	71.6	10-189		109	67	Non-dir.
2-Hexanone	23.2		"	50.0	0.00	46.5	10-181		66.6	60	Non-dir.
4-Methyl-2-pentanone	38.0		"	50.0	0.00	76.0	10-166		51.7	47	Non-dir.
Acetone	62.0		"	50.0	15.8	92.4	10-196		56.8	150	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	15.7		"	50.0	0.00	31.3	13-161		65.5	48	Non-dir.
Benzene	25.6		"	50.0	0.00	51.2	43-139		87.2	64	Non-dir.
Bromochloromethane	12.6		"	50.0	0.00	25.2	38-145	Low Bias	85.7	30	Non-dir.
Bromodichloromethane	18.2		"	50.0	0.00	36.5	38-147	Low Bias	78.7	37	Non-dir.
Bromoform	15.5		"	50.0	0.00	30.9	29-156		71.3	51	Non-dir.
Bromomethane	21.7		"	50.0	0.00	43.4	10-166		82.3	42	Non-dir.
Carbon disulfide	7.10		"	50.0	0.00	14.2	10-131			36	
Carbon tetrachloride	22.5		"	50.0	0.00	44.9	35-145		131	31	Non-dir.
Chlorobenzene	9.64		"	50.0	0.00	19.3	21-154	Low Bias	101	32	Non-dir.
Chloroethane	24.3		"	50.0	0.00	48.5	15-160		88.2	40	Non-dir.
Chloroform	26.7		"	50.0	0.00	53.5	47-142		74.1	29	Non-dir.
Chloromethane	26.2		"	50.0	0.00	52.5	10-159		75.9	31	Non-dir.
cis-1,2-Dichloroethylene	14.4		"	50.0	0.00	28.7	42-144	Low Bias	120	30	Non-dir.
cis-1,3-Dichloropropylene	5.92		"	50.0	0.00	11.8	18-159	Low Bias	75.7	39	Non-dir.
Cyclohexane	35.7		"	50.0	0.00	71.4	70-130		124	30	Non-dir.
Dibromochloromethane	14.2		"	50.0	0.00	28.3	10-179		79.1	41	Non-dir.
Dibromomethane	7.63		"	50.0	0.00	15.3	47-143	Low Bias	74.5	41	Non-dir.
Dichlorodifluoromethane	32.9		"	50.0	0.00	65.8	10-145		84.5	34	Non-dir.
Ethyl Benzene	18.7		"	50.0	0.00	37.3	11-158		125	42	Non-dir.
Hexachlorobutadiene	11.8		"	50.0	0.00	23.6	10-158			45	
Isopropylbenzene	23.7		"	50.0	0.00	47.5	10-162		144	57	Non-dir.
Methyl acetate	29.5		"	50.0	0.00	59.1	10-149		43.6	64	
Methyl tert-butyl ether (MTBE)	41.2		"	50.0	0.00	82.5	42-152		43.7	47	
Methylcyclohexane	29.0		"	50.0	0.00	58.1	70-130	Low Bias	157	30	Non-dir.
Methylene chloride	16.2		"	50.0	0.00	32.4	28-151		77.5	49	Non-dir.
n-Butylbenzene	11.2		"	50.0	0.00	22.3	10-162			96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00250 - EPA 5035A											
Matrix Spike Dup (BE00250-M Matrix Spike Dup	*Source sample: 20E0134-02 (SB10_6-8)								Prepared & Analyzed: 05/07/2020		
n-Propylbenzene	16.3		ug/L	50.0	0.00	32.6	10-155			56	
o-Xylene	22.1		"	50.0	0.00	44.1	10-158		118	51	Non-dir.
p- & m- Xylenes	36.0		"	100	0.00	36.0	10-156		128	47	Non-dir.
p-Isopropyltoluene	20.5		"	50.0	0.00	41.1	10-147			60	
sec-Butylbenzene	23.0		"	50.0	0.00	45.9	10-157			56	
Styrene	6.86		"	50.0	0.00	13.7	13-171			39	
tert-Butyl alcohol (TBA)	209		"	250	0.00	83.6	34-179		64.9	35	Non-dir.
tert-Butylbenzene	25.8		"	50.0	0.00	51.5	10-160		156	79	Non-dir.
Tetrachloroethylene	18.6		"	50.0	0.00	37.1	30-167		141	33	Non-dir.
Toluene	19.2		"	50.0	0.00	38.4	21-160		107	50	Non-dir.
trans-1,2-Dichloroethylene	9.19		"	50.0	0.00	18.4	29-153	Low Bias		30	
trans-1,3-Dichloropropylene	3.05		"	50.0	0.00	6.10	18-155	Low Bias		30	
Trichloroethylene	14.0		"	50.0	0.00	28.0	24-169		122	30	Non-dir.
Trichlorofluoromethane	33.2		"	50.0	0.00	66.4	35-142		79.4	30	Non-dir.
Vinyl Chloride	21.5		"	50.0	0.00	43.1	12-160		120	35	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.2*	*76-130*				
Batch BE00255 - EPA 5030B											
Blank (BE00255-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00255 - EPA 5030B											
Blank (BE00255-BLK1) Blank									Prepared & Analyzed: 05/07/2020		
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	1.00	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.84*		*"*	*10.0*		*98.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00255 - EPA 5030B											
LCS (BE00255-BS1) LCS							Prepared & Analyzed: 05/07/2020				
1,1,1,2-Tetrachloroethane	9.98		ug/L	10.0		99.8	82-126				
1,1,1-Trichloroethane	11.9		"	10.0		119	78-136				
1,1,2,2-Tetrachloroethane	8.31		"	10.0		83.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	54-165				
1,1,2-Trichloroethane	8.29		"	10.0		82.9	82-123				
1,1-Dichloroethane	9.88		"	10.0		98.8	82-129				
1,1-Dichloroethylene	11.5		"	10.0		115	68-138				
1,2,3-Trichlorobenzene	4.95		"	10.0		49.5	76-136	Low Bias			
1,2,3-Trichloropropane	9.20		"	10.0		92.0	77-128				
1,2,4-Trichlorobenzene	9.01		"	10.0		90.1	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	8.80		"	10.0		88.0	45-147				
1,2-Dibromoethane	8.66		"	10.0		86.6	83-124				
1,2-Dichlorobenzene	9.17		"	10.0		91.7	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	8.50		"	10.0		85.0	78-126				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131				
1,3-Dichlorobenzene	9.54		"	10.0		95.4	86-122				
1,4-Dichlorobenzene	9.46		"	10.0		94.6	85-124				
1,4-Dioxane	96.6		"	210		46.0	10-349				
2-Butanone	7.72		"	10.0		77.2	49-152				
2-Hexanone	7.41		"	10.0		74.1	51-146				
4-Methyl-2-pentanone	8.35		"	10.0		83.5	57-145				
Acetone	5.91		"	10.0		59.1	14-150				
Acrolein	6.73		"	10.0		67.3	10-153				
Acrylonitrile	9.12		"	10.0		91.2	51-150				
Benzene	9.90		"	10.0		99.0	85-126				
Bromochloromethane	10.0		"	10.0		100	77-128				
Bromodichloromethane	9.68		"	10.0		96.8	79-128				
Bromoform	9.46		"	10.0		94.6	78-133				
Bromomethane	9.03		"	10.0		90.3	43-168				
Carbon disulfide	10.4		"	10.0		104	68-146				
Carbon tetrachloride	12.0		"	10.0		120	77-141				
Chlorobenzene	9.55		"	10.0		95.5	88-120				
Chloroethane	9.28		"	10.0		92.8	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	11.5		"	10.0		115	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	9.70		"	10.0		97.0	80-131				
Cyclohexane	10.1		"	10.0		101	63-149				
Dibromochloromethane	9.71		"	10.0		97.1	80-130				
Dibromomethane	8.91		"	10.0		89.1	72-134				
Dichlorodifluoromethane	13.3		"	10.0		133	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Isopropylbenzene	9.64		"	10.0		96.4	76-140				
Methyl acetate	8.60		"	10.0		86.0	51-139				
Methyl tert-butyl ether (MTBE)	9.30		"	10.0		93.0	76-135				
Methylcyclohexane	8.56		"	10.0		85.6	72-143				
Methylene chloride	11.9		"	10.0		119	55-137				
n-Butylbenzene	8.74		"	10.0		87.4	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00255 - EPA 5030B											
LCS (BE00255-BS1) LCS								Prepared & Analyzed: 05/07/2020			
n-Propylbenzene	9.55		ug/L	10.0		95.5	78-133				
o-Xylene	9.89		"	10.0		98.9	78-130				
p- & m- Xylenes	20.9		"	20.0		105	77-133				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	9.87		"	10.0		98.7	79-137				
Styrene	9.71		"	10.0		97.1	67-132				
tert-Butyl alcohol (TBA)	51.8		"	50.0		104	25-162				
tert-Butylbenzene	9.77		"	10.0		97.7	77-138				
Tetrachloroethylene	7.94		"	10.0		79.4	82-131	Low Bias			
Toluene	9.63		"	10.0		96.3	80-127				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132				
trans-1,3-Dichloropropylene	9.69		"	10.0		96.9	78-131				
Trichloroethylene	9.78		"	10.0		97.8	82-128				
Trichlorofluoromethane	11.2		"	10.0		112	67-139				
Vinyl Chloride	9.60		"	10.0		96.0	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.70*		*"*	*10.0*		*97.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BE00255-BS2) LCS								Prepared & Analyzed: 05/07/2020			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	12.2		"	10.0		122	78-136				
1,1,2,2-Tetrachloroethane	8.49		"	10.0		84.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	54-165				
1,1,2-Trichloroethane	9.05		"	10.0		90.5	82-123				
1,1-Dichloroethane	10.1		"	10.0		101	82-129				
1,1-Dichloroethylene	11.5		"	10.0		115	68-138				
1,2,3-Trichlorobenzene	9.92		"	10.0		99.2	76-136				
1,2,3-Trichloropropane	9.46		"	10.0		94.6	77-128				
1,2,4-Trichlorobenzene	9.70		"	10.0		97.0	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	9.19		"	10.0		91.9	45-147				
1,2-Dibromoethane	9.61		"	10.0		96.1	83-124				
1,2-Dichlorobenzene	9.25		"	10.0		92.5	79-123				
1,2-Dichloroethane	11.5		"	10.0		115	73-132				
1,2-Dichloropropane	8.62		"	10.0		86.2	78-126				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131				
1,3-Dichlorobenzene	9.61		"	10.0		96.1	86-122				
1,4-Dichlorobenzene	9.53		"	10.0		95.3	85-124				
1,4-Dioxane	105		"	210		50.1	10-349				
2-Butanone	8.58		"	10.0		85.8	49-152				
2-Hexanone	8.40		"	10.0		84.0	51-146				
4-Methyl-2-pentanone	9.37		"	10.0		93.7	57-145				
Acetone	6.66		"	10.0		66.6	14-150				
Acrolein	7.25		"	10.0		72.5	10-153				
Acrylonitrile	9.99		"	10.0		99.9	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromochloromethane	10.7		"	10.0		107	77-128				
Bromodichloromethane	9.90		"	10.0		99.0	79-128				
Bromoform	10.3		"	10.0		103	78-133				
Bromomethane	9.23		"	10.0		92.3	43-168				

Volatile Organic Compounds by GC/MS - Quality Control Data

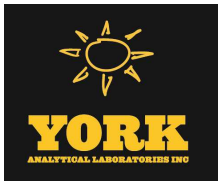
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00255 - EPA 5030B											
LCS (BE00255-BS2) LCS							Prepared & Analyzed: 05/07/2020				
Carbon disulfide	10.4		ug/L	10.0		104	68-146				
Carbon tetrachloride	12.4		"	10.0		124	77-141				
Chlorobenzene	9.70		"	10.0		97.0	88-120				
Chloroethane	9.38		"	10.0		93.8	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	11.1		"	10.0		111	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	80-131				
Cyclohexane	10.4		"	10.0		104	63-149				
Dibromochloromethane	10.4		"	10.0		104	80-130				
Dibromomethane	9.08		"	10.0		90.8	72-134				
Dichlorodifluoromethane	13.4		"	10.0		134	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	11.2		"	10.0		112	67-146				
Isopropylbenzene	9.65		"	10.0		96.5	76-140				
Methyl acetate	9.36		"	10.0		93.6	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	8.99		"	10.0		89.9	72-143				
Methylene chloride	12.5		"	10.0		125	55-137				
n-Butylbenzene	9.25		"	10.0		92.5	79-132				
n-Propylbenzene	9.69		"	10.0		96.9	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	21.5		"	20.0		108	77-133				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	56.7		"	50.0		113	25-162				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	8.03		"	10.0		80.3	82-131	Low Bias			
Toluene	9.67		"	10.0		96.7	80-127				
trans-1,2-Dichloroethylene	11.5		"	10.0		115	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	9.50		"	10.0		95.0	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	9.43		"	10.0		94.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.8*		*"*	*10.0*		*118*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00255 - EPA 5030B											
LCS Dup (BE00255-BSD1) LCS Dup							Prepared & Analyzed: 05/07/2020				
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126		0.300	30	
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136		4.11	30	
1,1,2,2-Tetrachloroethane	8.60		"	10.0		86.0	76-129		3.43	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165		5.12	30	
1,1,2-Trichloroethane	8.89		"	10.0		88.9	82-123		6.98	30	
1,1-Dichloroethane	9.64		"	10.0		96.4	82-129		2.46	30	
1,1-Dichloroethylene	10.9		"	10.0		109	68-138		5.27	30	
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7	76-136		61.7	30	Non-dir.
1,2,3-Trichloropropane	9.32		"	10.0		93.2	77-128		1.30	30	
1,2,4-Trichlorobenzene	9.21		"	10.0		92.1	76-137		2.20	30	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	82-132		4.56	30	
1,2-Dibromo-3-chloropropane	9.30		"	10.0		93.0	45-147		5.52	30	
1,2-Dibromoethane	9.25		"	10.0		92.5	83-124		6.59	30	
1,2-Dichlorobenzene	8.98		"	10.0		89.8	79-123		2.09	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		4.67	30	
1,2-Dichloropropane	8.30		"	10.0		83.0	78-126		2.38	30	
1,3,5-Trimethylbenzene	9.77		"	10.0		97.7	80-131		3.32	30	
1,3-Dichlorobenzene	8.99		"	10.0		89.9	86-122		5.94	30	
1,4-Dichlorobenzene	9.11		"	10.0		91.1	85-124		3.77	30	
1,4-Dioxane	99.9		"	210		47.6	10-349		3.34	30	
2-Butanone	8.15		"	10.0		81.5	49-152		5.42	30	
2-Hexanone	8.57		"	10.0		85.7	51-146		14.5	30	
4-Methyl-2-pentanone	9.20		"	10.0		92.0	57-145		9.69	30	
Acetone	6.53		"	10.0		65.3	14-150		9.97	30	
Acrolein	7.75		"	10.0		77.5	10-153		14.1	30	
Acrylonitrile	10.3		"	10.0		103	51-150		11.8	30	
Benzene	9.60		"	10.0		96.0	85-126		3.08	30	
Bromochloromethane	10.4		"	10.0		104	77-128		4.31	30	
Bromodichloromethane	9.61		"	10.0		96.1	79-128		0.726	30	
Bromoform	10.3		"	10.0		103	78-133		8.89	30	
Bromomethane	8.62		"	10.0		86.2	43-168		4.65	30	
Carbon disulfide	9.74		"	10.0		97.4	68-146		6.07	30	
Carbon tetrachloride	11.6		"	10.0		116	77-141		3.72	30	
Chlorobenzene	9.41		"	10.0		94.1	88-120		1.48	30	
Chloroethane	8.95		"	10.0		89.5	65-136		3.62	30	
Chloroform	10.4		"	10.0		104	82-128		0.0965	30	
Chloromethane	10.9		"	10.0		109	43-155		4.82	30	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129		2.17	30	
cis-1,3-Dichloropropylene	9.73		"	10.0		97.3	80-131		0.309	30	
Cyclohexane	9.71		"	10.0		97.1	63-149		4.04	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		4.63	30	
Dibromomethane	9.05		"	10.0		90.5	72-134		1.56	30	
Dichlorodifluoromethane	12.8		"	10.0		128	44-144		3.76	30	
Ethyl Benzene	9.78		"	10.0		97.8	80-131		2.32	30	
Hexachlorobutadiene	10.8		"	10.0		108	67-146		2.15	30	
Isopropylbenzene	9.27		"	10.0		92.7	76-140		3.91	30	
Methyl acetate	9.35		"	10.0		93.5	51-139		8.36	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		10.6	30	
Methylcyclohexane	8.53		"	10.0		85.3	72-143		0.351	30	
Methylene chloride	12.1		"	10.0		121	55-137		2.08	30	
n-Butylbenzene	8.79		"	10.0		87.9	79-132		0.570	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

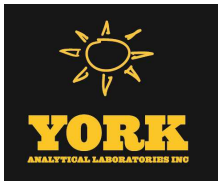
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00255 - EPA 5030B											
LCS Dup (BE00255-BSD1) LCS Dup								Prepared & Analyzed: 05/07/2020			
n-Propylbenzene	9.29		ug/L	10.0		92.9	78-133		2.76	30	
o-Xylene	9.82		"	10.0		98.2	78-130		0.710	30	
p- & m- Xylenes	20.6		"	20.0		103	77-133		1.74	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		0.490	30	
sec-Butylbenzene	9.98		"	10.0		99.8	79-137		1.11	30	
Styrene	9.59		"	10.0		95.9	67-132		1.24	30	
tert-Butyl alcohol (TBA)	57.8		"	50.0		116	25-162		10.8	30	
tert-Butylbenzene	9.66		"	10.0		96.6	77-138		1.13	30	
Tetrachloroethylene	7.60		"	10.0		76.0	82-131	Low Bias	4.38	30	
Toluene	9.24		"	10.0		92.4	80-127		4.13	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		4.03	30	
trans-1,3-Dichloropropylene	9.99		"	10.0		99.9	78-131		3.05	30	
Trichloroethylene	9.07		"	10.0		90.7	82-128		7.53	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		5.29	30	
Vinyl Chloride	9.02		"	10.0		90.2	58-145		6.23	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.6*		*"*	*10.0*		*116*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
LCS Dup (BE00255-BSD2) LCS Dup								Prepared & Analyzed: 05/07/2020			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		0.767	30	
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136		3.32	30	
1,1,2,2-Tetrachloroethane	8.69		"	10.0		86.9	76-129		2.33	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165		4.57	30	
1,1,2-Trichloroethane	9.01		"	10.0		90.1	82-123		0.443	30	
1,1-Dichloroethane	9.95		"	10.0		99.5	82-129		1.50	30	
1,1-Dichloroethylene	11.1		"	10.0		111	68-138		3.71	30	
1,2,3-Trichlorobenzene	9.85		"	10.0		98.5	76-136		0.708	30	
1,2,3-Trichloropropane	9.85		"	10.0		98.5	77-128		4.04	30	
1,2,4-Trichlorobenzene	9.72		"	10.0		97.2	76-137		0.206	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		0.592	30	
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	45-147		7.54	30	
1,2-Dibromoethane	9.53		"	10.0		95.3	83-124		0.836	30	
1,2-Dichlorobenzene	9.46		"	10.0		94.6	79-123		2.24	30	
1,2-Dichloroethane	11.6		"	10.0		116	73-132		0.693	30	
1,2-Dichloropropane	8.70		"	10.0		87.0	78-126		0.924	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		0.684	30	
1,3-Dichlorobenzene	9.64		"	10.0		96.4	86-122		0.312	30	
1,4-Dichlorobenzene	9.54		"	10.0		95.4	85-124		0.105	30	
1,4-Dioxane	105		"	210		50.1	10-349		0.0476	30	
2-Butanone	8.96		"	10.0		89.6	49-152		4.33	30	
2-Hexanone	8.26		"	10.0		82.6	51-146		1.68	30	
4-Methyl-2-pentanone	9.51		"	10.0		95.1	57-145		1.48	30	
Acetone	6.57		"	10.0		65.7	14-150		1.36	30	
Acrolein	7.30		"	10.0		73.0	10-153		0.687	30	
Acrylonitrile	9.84		"	10.0		98.4	51-150		1.51	30	
Benzene	9.95		"	10.0		99.5	85-126		1.69	30	
Bromochloromethane	10.6		"	10.0		106	77-128		1.03	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		2.10	30	
Bromoform	10.6		"	10.0		106	78-133		2.11	30	
Bromomethane	10.7		"	10.0		107	43-168		14.5	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00255 - EPA 5030B											
LCS Dup (BE00255-BSD2) LCS Dup								Prepared & Analyzed: 05/07/2020			
Carbon disulfide	10.1		ug/L	10.0		101	68-146		3.03	30	
Carbon tetrachloride	11.9		"	10.0		119	77-141		3.87	30	
Chlorobenzene	9.77		"	10.0		97.7	88-120		0.719	30	
Chloroethane	9.41		"	10.0		94.1	65-136		0.319	30	
Chloroform	10.7		"	10.0		107	82-128		3.77	30	
Chloromethane	10.9		"	10.0		109	43-155		2.10	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		1.90	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		0.401	30	
Cyclohexane	10.1		"	10.0		101	63-149		2.94	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		0.00	30	
Dibromomethane	9.37		"	10.0		93.7	72-134		3.14	30	
Dichlorodifluoromethane	12.8		"	10.0		128	44-144		4.44	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		0.490	30	
Hexachlorobutadiene	10.9		"	10.0		109	67-146		2.53	30	
Isopropylbenzene	9.65		"	10.0		96.5	76-140		0.00	30	
Methyl acetate	9.30		"	10.0		93.0	51-139		0.643	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		2.31	30	
Methylcyclohexane	8.96		"	10.0		89.6	72-143		0.334	30	
Methylene chloride	12.2		"	10.0		122	55-137		2.75	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		8.98	30	
n-Propylbenzene	9.64		"	10.0		96.4	78-133		0.517	30	
o-Xylene	10.1		"	10.0		101	78-130		0.884	30	
p- & m- Xylenes	21.5		"	20.0		108	77-133		0.0465	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		1.42	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		2.21	30	
Styrene	9.95		"	10.0		99.5	67-132		0.601	30	
tert-Butyl alcohol (TBA)	54.0		"	50.0		108	25-162		4.90	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		0.989	30	
Tetrachloroethylene	7.95		"	10.0		79.5	82-131	Low Bias	1.00	30	
Toluene	9.72		"	10.0		97.2	80-127		0.516	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		3.73	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		1.56	30	
Trichloroethylene	9.55		"	10.0		95.5	82-128		0.525	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		3.05	30	
Vinyl Chloride	9.14		"	10.0		91.4	58-145		3.12	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.6*		*"*	*10.0*		*116*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00338 - EPA 3550C											
Blank (BE00338-BLK1) Blank									Prepared: 05/08/2020 Analyzed: 05/11/2020		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00338 - EPA 3550C											
Blank (BE00338-BLK1) Blank									Prepared: 05/08/2020 Analyzed: 05/11/2020		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.955*		"	*1.66*		*57.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.961*		"	*1.66*		*57.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.509*		"	*0.831*		*61.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.520*		"	*0.831*		*62.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.11*		"	*1.66*		*67.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.607*		"	*0.831*		*73.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

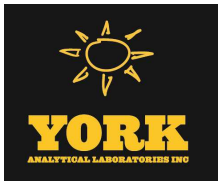
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00338 - EPA 3550C											
LCS (BE00338-BS1) LCS									Prepared: 05/08/2020 Analyzed: 05/11/2020		
1,1-Biphenyl	0.540	0.0416	mg/kg wet	0.831		65.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.635	0.0830	"	0.831		76.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.507	0.0416	"	0.831		61.0	17-137				
2,3,4,6-Tetrachlorophenol	0.604	0.0830	"	0.831		72.8	30-130				
2,4,5-Trichlorophenol	0.475	0.0416	"	0.831		57.2	27-118				
2,4,6-Trichlorophenol	0.556	0.0416	"	0.831		67.0	31-120				
2,4-Dichlorophenol	0.583	0.0416	"	0.831		70.2	20-127				
2,4-Dimethylphenol	0.533	0.0416	"	0.831		64.2	14-132				
2,4-Dinitrophenol	0.429	0.0830	"	0.831		51.7	10-171				
2,4-Dinitrotoluene	0.531	0.0416	"	0.831		63.9	34-131				
2,6-Dinitrotoluene	0.583	0.0416	"	0.831		70.2	31-128				
2-Chloronaphthalene	0.511	0.0416	"	0.831		61.5	31-117				
2-Chlorophenol	0.522	0.0416	"	0.831		62.8	33-113				
2-Methylnaphthalene	0.607	0.0416	"	0.831		73.1	12-138				
2-Methylphenol	0.460	0.0416	"	0.831		55.4	10-136				
2-Nitroaniline	0.541	0.0830	"	0.831		65.1	27-132				
2-Nitrophenol	0.554	0.0416	"	0.831		66.8	17-129				
3- & 4-Methylphenols	0.421	0.0416	"	0.831		50.6	29-103				
3,3-Dichlorobenzidine	0.544	0.0416	"	0.831		65.5	22-149				
3-Nitroaniline	0.517	0.0830	"	0.831		62.3	20-133				
4,6-Dinitro-2-methylphenol	0.520	0.0830	"	0.831		62.6	10-143				
4-Bromophenyl phenyl ether	0.544	0.0416	"	0.831		65.5	29-120				
4-Chloro-3-methylphenol	0.564	0.0416	"	0.831		68.0	24-129				
4-Chloroaniline	0.477	0.0416	"	0.831		57.5	10-132				
4-Chlorophenyl phenyl ether	0.529	0.0416	"	0.831		63.6	27-124				
4-Nitroaniline	0.560	0.0830	"	0.831		67.4	16-128				
4-Nitrophenol	0.489	0.0830	"	0.831		58.9	10-141				
Acenaphthene	0.493	0.0416	"	0.831		59.4	30-121				
Acenaphthylene	0.476	0.0416	"	0.831		57.4	30-115				
Acetophenone	0.530	0.0416	"	0.831		63.8	20-112				
Aniline	0.447	0.166	"	0.831		53.8	10-119				
Anthracene	0.541	0.0416	"	0.831		65.1	34-118				
Atrazine	0.605	0.0416	"	0.831		72.9	26-112				
Benzaldehyde	0.515	0.0416	"	0.831		62.0	21-100				
Benzo(a)anthracene	0.536	0.0416	"	0.831		64.5	32-122				
Benzo(a)pyrene	0.529	0.0416	"	0.831		63.7	29-133				
Benzo(b)fluoranthene	0.560	0.0416	"	0.831		67.4	25-133				
Benzo(g,h,i)perylene	0.477	0.0416	"	0.831		57.5	10-143				
Benzo(k)fluoranthene	0.513	0.0416	"	0.831		61.7	25-128				
Benzoic acid	0.285	0.0416	"	0.831		34.4	10-140				
Benzyl alcohol	0.574	0.0416	"	0.831		69.1	30-115				
Benzyl butyl phthalate	0.556	0.0416	"	0.831		67.0	26-126				
Bis(2-chloroethoxy)methane	0.534	0.0416	"	0.831		64.3	19-132				
Bis(2-chloroethyl)ether	0.498	0.0416	"	0.831		59.9	19-125				
Bis(2-chloroisopropyl)ether	0.538	0.0416	"	0.831		64.8	20-135				
Bis(2-ethylhexyl)phthalate	0.593	0.0416	"	0.831		71.4	10-155				
Caprolactam	0.664	0.0830	"	0.831		80.0	10-127				
Carbazole	0.567	0.0416	"	0.831		68.3	35-123				
Chrysene	0.521	0.0416	"	0.831		62.7	32-123				
Dibenzo(a,h)anthracene	0.570	0.0416	"	0.831		68.7	10-136				
Dibenzofuran	0.544	0.0416	"	0.831		65.5	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

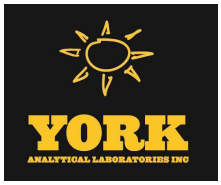
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00338 - EPA 3550C											
LCS (BE00338-BS1) LCS									Prepared: 05/08/2020 Analyzed: 05/11/2020		
Diethyl phthalate	0.516	0.0416	mg/kg wet	0.831		62.1	34-116				
Dimethyl phthalate	0.526	0.0416	"	0.831		63.3	35-124				
Di-n-butyl phthalate	0.549	0.0416	"	0.831		66.1	31-116				
Di-n-octyl phthalate	0.651	0.0416	"	0.831		78.4	26-136				
Diphenylamine	0.657	0.0830	"	0.831		79.1	40-140				
Fluoranthene	0.548	0.0416	"	0.831		66.0	33-122				
Fluorene	0.510	0.0416	"	0.831		61.4	29-123				
Hexachlorobenzene	0.533	0.0416	"	0.831		64.2	21-124				
Hexachlorobutadiene	0.558	0.0416	"	0.831		67.2	10-149				
Hexachlorocyclopentadiene	0.436	0.0416	"	0.831		52.5	10-129				
Hexachloroethane	0.501	0.0416	"	0.831		60.3	28-108				
Indeno(1,2,3-cd)pyrene	0.554	0.0416	"	0.831		66.8	10-135				
Isophorone	0.568	0.0416	"	0.831		68.4	20-132				
Naphthalene	0.534	0.0416	"	0.831		64.2	23-124				
Nitrobenzene	0.524	0.0416	"	0.831		63.0	13-132				
N-Nitrosodimethylamine	0.455	0.0416	"	0.831		54.8	11-129				
N-nitroso-di-n-propylamine	0.500	0.0416	"	0.831		60.2	24-119				
N-Nitrosodiphenylamine	0.667	0.0416	"	0.831		80.4	22-152				
Pentachlorophenol	0.550	0.0416	"	0.831		66.2	10-139				
Phenanthrene	0.535	0.0416	"	0.831		64.4	33-123				
Phenol	0.492	0.0416	"	0.831		59.2	23-115				
Pyrene	0.531	0.0416	"	0.831		63.9	32-130				
Pyridine	0.481	0.166	"	0.831		57.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.05*		"	*1.66*		*63.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.02*		"	*1.66*		*61.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.545*		"	*0.831*		*65.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.530*		"	*0.831*		*63.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.25*		"	*1.66*		*75.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.651*		"	*0.831*		*78.4*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

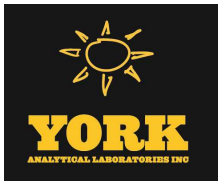
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00338 - EPA 3550C											
Matrix Spike (BE00338-MS1) Matrix Spike	*Source sample: 20E0134-02 (SB10_6-8)							Prepared: 05/08/2020 Analyzed: 05/11/2020			
1,1-Biphenyl	0.858	0.0979	mg/kg dry	0.978	ND	87.7	10-130				
1,2,4,5-Tetrachlorobenzene	0.970	0.196	"	0.978	ND	99.2	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.750	0.0979	"	0.978	ND	76.7	10-144				
2,3,4,6-Tetrachlorophenol	0.922	0.196	"	0.978	ND	94.2	30-130				
2,4,5-Trichlorophenol	0.705	0.0979	"	0.978	ND	72.1	10-127				
2,4,6-Trichlorophenol	0.849	0.0979	"	0.978	ND	86.8	10-132				
2,4-Dichlorophenol	0.872	0.0979	"	0.978	ND	89.1	10-128				
2,4-Dimethylphenol	0.841	0.0979	"	0.978	ND	86.0	10-137				
2,4-Dinitrophenol	0.163	0.196	"	0.978	ND	16.6	10-171				
2,4-Dinitrotoluene	0.765	0.0979	"	0.978	ND	78.2	16-135				
2,6-Dinitrotoluene	0.837	0.0979	"	0.978	ND	85.6	18-131				
2-Chloronaphthalene	0.783	0.0979	"	0.978	ND	80.0	10-129				
2-Chlorophenol	0.788	0.0979	"	0.978	ND	80.6	15-116				
2-Methylnaphthalene	0.893	0.0979	"	0.978	ND	91.3	10-147				
2-Methylphenol	0.748	0.0979	"	0.978	ND	76.5	10-136				
2-Nitroaniline	0.813	0.196	"	0.978	ND	83.1	10-137				
2-Nitrophenol	0.808	0.0979	"	0.978	ND	82.6	10-129				
3- & 4-Methylphenols	0.649	0.0979	"	0.978	ND	66.3	10-123				
3,3-Dichlorobenzidine	0.877	0.0979	"	0.978	ND	89.7	10-155				
3-Nitroaniline	0.888	0.196	"	0.978	ND	90.8	12-133				
4,6-Dinitro-2-methylphenol	0.350	0.196	"	0.978	ND	35.8	10-155				
4-Bromophenyl phenyl ether	0.794	0.0979	"	0.978	ND	81.2	14-128				
4-Chloro-3-methylphenol	0.860	0.0979	"	0.978	ND	87.9	10-134				
4-Chloroaniline	0.765	0.0979	"	0.978	ND	78.2	10-145				
4-Chlorophenyl phenyl ether	0.786	0.0979	"	0.978	ND	80.3	14-130				
4-Nitroaniline	0.892	0.196	"	0.978	ND	91.2	10-147				
4-Nitrophenol	0.772	0.196	"	0.978	ND	78.9	10-137				
Acenaphthene	0.768	0.0979	"	0.978	ND	78.6	10-146				
Acenaphthylene	0.740	0.0979	"	0.978	ND	75.7	10-134				
Acetophenone	0.844	0.0979	"	0.978	ND	86.2	10-116				
Aniline	0.642	0.392	"	0.978	ND	65.7	10-123				
Anthracene	0.808	0.0979	"	0.978	ND	82.6	10-142				
Atrazine	0.915	0.0979	"	0.978	ND	93.5	19-115				
Benzaldehyde	0.814	0.0979	"	0.978	ND	83.2	10-125				
Benzo(a)anthracene	0.801	0.0979	"	0.978	ND	81.9	10-158				
Benzo(a)pyrene	0.798	0.0979	"	0.978	ND	81.6	10-180				
Benzo(b)fluoranthene	0.881	0.0979	"	0.978	ND	90.1	10-200				
Benzo(g,h,i)perylene	0.678	0.0979	"	0.978	ND	69.4	10-138				
Benzo(k)fluoranthene	0.766	0.0979	"	0.978	ND	78.3	10-197				
Benzoic acid	0.289	0.0979	"	0.978	ND	29.5	10-166				
Benzyl alcohol	0.903	0.0979	"	0.978	ND	92.3	12-124				
Benzyl butyl phthalate	0.783	0.0979	"	0.978	ND	80.1	10-154				
Bis(2-chloroethoxy)methane	0.814	0.0979	"	0.978	ND	83.2	10-132				
Bis(2-chloroethyl)ether	0.782	0.0979	"	0.978	ND	79.9	10-119				
Bis(2-chloroisopropyl)ether	0.823	0.0979	"	0.978	ND	84.2	10-139				
Bis(2-ethylhexyl)phthalate	0.837	0.0979	"	0.978	ND	85.6	10-167				
Caprolactam	0.984	0.196	"	0.978	ND	101	10-132				
Carbazole	0.867	0.0979	"	0.978	ND	88.6	10-167				
Chrysene	0.796	0.0979	"	0.978	ND	81.4	10-156				
Dibenzo(a,h)anthracene	0.818	0.0979	"	0.978	ND	83.6	10-137				
Dibenzofuran	0.827	0.0979	"	0.978	ND	84.6	10-147				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00338 - EPA 3550C											
Matrix Spike (BE00338-MS1) Matrix Spike	*Source sample: 20E0134-02 (SB10_6-8)							Prepared: 05/08/2020 Analyzed: 05/11/2020			
Diethyl phthalate	0.779	0.0979	mg/kg dry	0.978	ND	79.7	20-120				
Dimethyl phthalate	0.813	0.0979	"	0.978	ND	83.1	18-131				
Di-n-butyl phthalate	0.802	0.0979	"	0.978	ND	82.0	10-137				
Di-n-octyl phthalate	0.984	0.0979	"	0.978	ND	101	10-180				
Diphenylamine	0.964	0.196	"	0.978	ND	98.6	40-140				
Fluoranthene	0.883	0.0979	"	0.978	ND	90.2	10-160				
Fluorene	0.785	0.0979	"	0.978	ND	80.2	10-157				
Hexachlorobenzene	0.785	0.0979	"	0.978	ND	80.2	10-137				
Hexachlorobutadiene	0.819	0.0979	"	0.978	ND	83.8	10-132				
Hexachlorocyclopentadiene	0.247	0.0979	"	0.978	ND	25.3	10-106				
Hexachloroethane	0.707	0.0979	"	0.978	ND	72.2	10-110				
Indeno(1,2,3-cd)pyrene	0.841	0.0979	"	0.978	ND	86.0	10-144				
Isophorone	0.861	0.0979	"	0.978	ND	88.0	10-132				
Naphthalene	0.797	0.0979	"	0.978	ND	81.4	10-141				
Nitrobenzene	0.804	0.0979	"	0.978	ND	82.2	10-131				
N-Nitrosodimethylamine	0.693	0.0979	"	0.978	ND	70.9	10-126				
N-nitroso-di-n-propylamine	0.826	0.0979	"	0.978	ND	84.4	10-125				
N-Nitrosodiphenylamine	1.00	0.0979	"	0.978	ND	102	10-177				
Pentachlorophenol	0.804	0.0979	"	0.978	ND	82.2	10-153				
Phenanthrene	0.824	0.0979	"	0.978	ND	84.2	10-148				
Phenol	0.782	0.0979	"	0.978	ND	79.9	10-126				
Pyrene	0.802	0.0979	"	0.978	ND	82.0	10-165				
Pyridine	0.752	0.392	"	0.978	ND	76.9	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.65*		"	*1.96*		*84.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.67*		"	*1.96*		*85.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.828*		"	*0.978*		*84.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.839*		"	*0.978*		*85.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.98*		"	*1.96*		*101*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.918*		"	*0.978*		*93.8*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

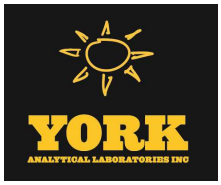
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00338 - EPA 3550C											
Matrix Spike Dup (BE00338-M Matrix Spike Dup	*Source sample: 20E0134-02 (SB10_6-8)								Prepared: 05/08/2020 Analyzed: 05/11/2020		
1,1-Biphenyl	0.810	0.0979	mg/kg dry	0.978	ND	82.8	10-130		5.73	30	
1,2,4,5-Tetrachlorobenzene	0.959	0.196	"	0.978	ND	98.0	10-133		1.22	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.747	0.0979	"	0.978	ND	76.4	10-144		0.418	30	
2,3,4,6-Tetrachlorophenol	0.894	0.196	"	0.978	ND	91.4	30-130		3.10	30	
2,4,5-Trichlorophenol	0.720	0.0979	"	0.978	ND	73.6	10-127		2.09	30	
2,4,6-Trichlorophenol	0.843	0.0979	"	0.978	ND	86.2	10-132		0.740	30	
2,4-Dichlorophenol	0.827	0.0979	"	0.978	ND	84.6	10-128		5.25	30	
2,4-Dimethylphenol	0.794	0.0979	"	0.978	ND	81.2	10-137		5.74	30	
2,4-Dinitrophenol	0.131	0.196	"	0.978	ND	13.4	10-171		21.3	30	
2,4-Dinitrotoluene	0.768	0.0979	"	0.978	ND	78.6	16-135		0.510	30	
2,6-Dinitrotoluene	0.845	0.0979	"	0.978	ND	86.4	18-131		0.930	30	
2-Chloronaphthalene	0.793	0.0979	"	0.978	ND	81.0	10-129		1.29	30	
2-Chlorophenol	0.754	0.0979	"	0.978	ND	77.1	15-116		4.36	30	
2-Methylnaphthalene	0.863	0.0979	"	0.978	ND	88.2	10-147		3.39	30	
2-Methylphenol	0.667	0.0979	"	0.978	ND	68.2	10-136		11.5	30	
2-Nitroaniline	0.815	0.196	"	0.978	ND	83.4	10-137		0.288	30	
2-Nitrophenol	0.793	0.0979	"	0.978	ND	81.0	10-129		1.86	30	
3- & 4-Methylphenols	0.606	0.0979	"	0.978	ND	62.0	10-123		6.73	30	
3,3-Dichlorobenzidine	0.837	0.0979	"	0.978	ND	85.5	10-155		4.75	30	
3-Nitroaniline	0.844	0.196	"	0.978	ND	86.2	12-133		5.15	30	
4,6-Dinitro-2-methylphenol	0.329	0.196	"	0.978	ND	33.7	10-155		5.99	30	
4-Bromophenyl phenyl ether	0.757	0.0979	"	0.978	ND	77.4	14-128		4.84	30	
4-Chloro-3-methylphenol	0.826	0.0979	"	0.978	ND	84.5	10-134		3.99	30	
4-Chloroaniline	0.723	0.0979	"	0.978	ND	73.9	10-145		5.68	30	
4-Chlorophenyl phenyl ether	0.793	0.0979	"	0.978	ND	81.1	14-130		0.991	30	
4-Nitroaniline	0.869	0.196	"	0.978	ND	88.9	10-147		2.58	30	
4-Nitrophenol	0.722	0.196	"	0.978	ND	73.8	10-137		6.60	30	
Acenaphthene	0.736	0.0979	"	0.978	ND	75.3	10-146		4.26	30	
Acenaphthylene	0.730	0.0979	"	0.978	ND	74.6	10-134		1.38	30	
Acetophenone	0.786	0.0979	"	0.978	ND	80.3	10-116		7.11	30	
Aniline	0.614	0.392	"	0.978	ND	62.8	10-123		4.48	30	
Anthracene	0.790	0.0979	"	0.978	ND	80.7	10-142		2.25	30	
Atrazine	0.881	0.0979	"	0.978	ND	90.1	19-115		3.75	30	
Benzaldehyde	0.788	0.0979	"	0.978	ND	80.6	10-125		3.22	30	
Benzo(a)anthracene	0.800	0.0979	"	0.978	ND	81.8	10-158		0.196	30	
Benzo(a)pyrene	0.799	0.0979	"	0.978	ND	81.7	10-180		0.0980	30	
Benzo(b)fluoranthene	0.858	0.0979	"	0.978	ND	87.8	10-200		2.61	30	
Benzo(g,h,i)perylene	0.676	0.0979	"	0.978	ND	69.1	10-138		0.347	30	
Benzo(k)fluoranthene	0.755	0.0979	"	0.978	ND	77.2	10-197		1.44	30	
Benzoic acid	0.165	0.0979	"	0.978	ND	16.9	10-166		54.5	30	Non-dir.
Benzyl alcohol	0.795	0.0979	"	0.978	ND	81.3	12-124		12.7	30	
Benzyl butyl phthalate	0.744	0.0979	"	0.978	ND	76.1	10-154		5.12	30	
Bis(2-chloroethoxy)methane	0.792	0.0979	"	0.978	ND	81.0	10-132		2.73	30	
Bis(2-chloroethyl)ether	0.729	0.0979	"	0.978	ND	74.5	10-119		7.05	30	
Bis(2-chloroisopropyl)ether	0.785	0.0979	"	0.978	ND	80.2	10-139		4.77	30	
Bis(2-ethylhexyl)phthalate	0.802	0.0979	"	0.978	ND	82.0	10-167		4.30	30	
Caprolactam	0.959	0.196	"	0.978	ND	98.1	10-132		2.50	30	
Carbazole	0.837	0.0979	"	0.978	ND	85.5	10-167		3.58	30	
Chrysene	0.800	0.0979	"	0.978	ND	81.8	10-156		0.490	30	
Dibenzo(a,h)anthracene	0.761	0.0979	"	0.978	ND	77.8	10-137		7.24	30	
Dibenzofuran	0.819	0.0979	"	0.978	ND	83.8	10-147		0.951	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00338 - EPA 3550C											
Matrix Spike Dup (BE00338-M Matrix Spike Dup *Source sample: 20E0134-02 (SB10_6-8)									Prepared: 05/08/2020 Analyzed: 05/11/2020		
Diethyl phthalate	0.780	0.0979	mg/kg dry	0.978	ND	79.8	20-120		0.100	30	
Dimethyl phthalate	0.799	0.0979	"	0.978	ND	81.7	18-131		1.75	30	
Di-n-butyl phthalate	0.783	0.0979	"	0.978	ND	80.1	10-137		2.37	30	
Di-n-octyl phthalate	0.928	0.0979	"	0.978	ND	94.9	10-180		5.81	30	
Diphenylamine	0.954	0.196	"	0.978	ND	97.5	40-140		1.06	30	
Fluoranthene	0.869	0.0979	"	0.978	ND	88.8	10-160		1.61	30	
Fluorene	0.773	0.0979	"	0.978	ND	79.0	10-157		1.51	30	
Hexachlorobenzene	0.736	0.0979	"	0.978	ND	75.3	10-137		6.38	30	
Hexachlorobutadiene	0.772	0.0979	"	0.978	ND	78.9	10-132		6.00	30	
Hexachlorocyclopentadiene	0.236	0.0979	"	0.978	ND	24.1	10-106		4.86	30	
Hexachloroethane	0.667	0.0979	"	0.978	ND	68.2	10-110		5.81	30	
Indeno(1,2,3-cd)pyrene	0.760	0.0979	"	0.978	ND	77.7	10-144		10.2	30	
Isophorone	0.799	0.0979	"	0.978	ND	81.7	10-132		7.45	30	
Naphthalene	0.774	0.0979	"	0.978	ND	79.1	10-141		2.89	30	
Nitrobenzene	0.762	0.0979	"	0.978	ND	77.9	10-131		5.39	30	
N-Nitrosodimethylamine	0.646	0.0979	"	0.978	ND	66.0	10-126		7.13	30	
N-nitroso-di-n-propylamine	0.751	0.0979	"	0.978	ND	76.8	10-125		9.43	30	
N-Nitrosodiphenylamine	0.966	0.0979	"	0.978	ND	98.7	10-177		3.58	30	
Pentachlorophenol	0.686	0.0979	"	0.978	ND	70.2	10-153		15.8	30	
Phenanthrene	0.819	0.0979	"	0.978	ND	83.8	10-148		0.571	30	
Phenol	0.726	0.0979	"	0.978	ND	74.2	10-126		7.37	30	
Pyrene	0.792	0.0979	"	0.978	ND	81.0	10-165		1.28	30	
Pyridine	0.689	0.392	"	0.978	ND	70.4	10-83		8.80	30	
Surrogate: SURR: 2-Fluorophenol	*1.48*		"	*1.96*		*75.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.52*		"	*1.96*		*77.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.787*		"	*0.978*		*80.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.801*		"	*0.978*		*81.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.86*		"	*1.96*		*95.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.889*		"	*0.978*		*90.9*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE00366 - EPA 3510C

Blank (BE00366-BLK1) Blank — Prepared: 05/11/2020 Analyzed: 05/12/2020

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00366 - EPA 3510C											
Blank (BE00366-BLK1) Blank											Prepared: 05/11/2020 Analyzed: 05/12/2020
Surrogate: SURR: 2-Fluorophenol	*25.0*		*ug/L*	*50.0*		*50.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*14.5*		*"*	*50.0*		*29.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*36.2*		*"*	*25.0*		*145*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*28.7*		*"*	*25.0*		*115*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*62.4*		*"*	*50.0*		*125*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*36.2*		*"*	*25.0*		*145*	*30.7-106*				
Blank (BE00366-BLK2) Blank											Prepared & Analyzed: 05/11/2020
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

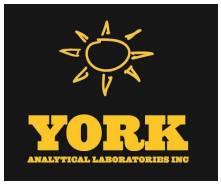
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00366 - EPA 3510C											
LCS (BE00366-BS1) LCS							Prepared & Analyzed: 05/11/2020				
1,1-Biphenyl	20.6	5.00	ug/L	25.0		82.5	33-95				
1,2,4,5-Tetrachlorobenzene	23.3	5.00	"	25.1		92.9	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	19.6	5.00	"	25.0		78.4	16-141				
2,3,4,6-Tetrachlorophenol	30.6	5.00	"	25.0		122	30-130				
2,4,5-Trichlorophenol	19.4	5.00	"	25.0		77.5	32-114				
2,4,6-Trichlorophenol	22.4	5.00	"	25.0		89.8	35-118				
2,4-Dichlorophenol	21.6	5.00	"	25.0		86.2	25-116				
2,4-Dimethylphenol	20.2	5.00	"	25.0		81.0	15-116				
2,4-Dinitrophenol	20.8	5.00	"	25.0		83.0	10-170				
2,4-Dinitrotoluene	24.6	5.00	"	25.0		98.5	41-128				
2,6-Dinitrotoluene	26.0	5.00	"	25.0		104	45-116				
2-Chloronaphthalene	18.6	5.00	"	25.0		74.2	33-112				
2-Chlorophenol	17.9	5.00	"	25.0		71.6	15-120				
2-Methylnaphthalene	21.9	5.00	"	25.0		87.4	24-118				
2-Methylphenol	13.5	5.00	"	25.0		54.0	10-110				
2-Nitroaniline	26.2	5.00	"	25.0		105	34-129				
2-Nitrophenol	26.2	5.00	"	25.0		105	28-118				
3- & 4-Methylphenols	10.6	5.00	"	25.0		42.3	10-107				
3,3-Dichlorobenzidine	21.9	5.00	"	25.0		87.6	15-187				
3-Nitroaniline	22.2	5.00	"	25.0		88.7	24-134				
4,6-Dinitro-2-methylphenol	25.3	5.00	"	25.0		101	10-153				
4-Bromophenyl phenyl ether	19.8	5.00	"	25.0		79.2	34-120				
4-Chloro-3-methylphenol	22.7	5.00	"	25.0		90.8	20-120				
4-Chloroaniline	17.6	5.00	"	25.0		70.3	10-147				
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		82.1	27-121				
4-Nitroaniline	22.4	5.00	"	25.0		89.5	13-134				
4-Nitrophenol	11.7	5.00	"	25.0		46.7	10-131				
Acetophenone	19.7	5.00	"	25.0		78.8	25-110				
Aniline	14.4	5.00	"	25.0		57.6	10-117				
Benzaldehyde	20.4	5.00	"	25.0		81.4	29-117				
Benzoic acid	6.22	5.00	"	25.0		24.9	30-130	Low Bias			
Benzyl alcohol	14.3	5.00	"	25.0		57.3	10-117				
Benzyl butyl phthalate	26.9	5.00	"	25.0		108	29-133				
Bis(2-chloroethoxy)methane	18.2	5.00	"	25.0		73.0	10-154				
Bis(2-chloroethyl)ether	17.8	5.00	"	25.0		71.2	17-125				
Bis(2-chloroisopropyl)ether	19.0	5.00	"	25.0		75.9	10-139				
Caprolactam	4.64	5.00	"	25.0		18.6	10-137				
Carbazole	21.5	5.00	"	25.0		85.9	42-126				
Dibenzofuran	20.7	5.00	"	25.0		82.8	36-113				
Diethyl phthalate	21.9	5.00	"	25.0		87.6	38-115				
Dimethyl phthalate	21.4	5.00	"	25.0		85.8	38-129				
Di-n-butyl phthalate	22.8	5.00	"	25.0		91.1	31-120				
Di-n-octyl phthalate	29.6	5.00	"	25.0		118	21-149				
Diphenylamine	21.7	5.00	"	25.0		86.9	40-140				
Hexachlorocyclopentadiene	12.8	10.0	"	25.0		51.2	10-130				
Isophorone	21.3	5.00	"	25.0		85.1	25-127				
N-nitroso-di-n-propylamine	18.8	5.00	"	25.0		75.4	26-122				
N-Nitrosodiphenylamine	21.2	5.00	"	25.0		84.7	23-149				
Phenol	7.27	5.00	"	25.0		29.1	10-110				
Pyridine	9.16	5.00	"	27.5		33.3	10-90				
Surrogate: SURR: 2-Fluorophenol	*20.2*		*"*	*50.0*		*40.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00366 - EPA 3510C											
LCS (BE00366-BS1) LCS								Prepared & Analyzed: 05/11/2020			
Surrogate: SURR: Phenol-d5	*11.7*		*ug/L*	*50.0*		*23.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.8*		*"*	*25.0*		*95.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.4*		*"*	*25.0*		*73.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.6*		*"*	*50.0*		*87.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*26.3*		*"*	*25.0*		*105*	*30.7-106*				
LCS (BE00366-BS2) LCS								Prepared & Analyzed: 05/11/2020			
Acenaphthene	0.690	0.0500	ug/L	1.00		69.0	25-116				
Acenaphthylene	0.700	0.0500	"	1.00		70.0	26-116				
Anthracene	0.640	0.0500	"	1.00		64.0	25-123				
Benzo(a)anthracene	0.710	0.0500	"	1.00		71.0	33-125				
Benzo(a)pyrene	0.760	0.0500	"	1.00		76.0	32-132				
Benzo(b)fluoranthene	0.710	0.0500	"	1.00		71.0	22-137				
Benzo(g,h,i)perylene	0.840	0.0500	"	1.00		84.0	10-138				
Benzo(k)fluoranthene	0.690	0.0500	"	1.00		69.0	20-137				
Bis(2-ethylhexyl)phthalate	1.08	0.500	"	1.00		108	10-189				
Chrysene	0.690	0.0500	"	1.00		69.0	32-124				
Dibenzo(a,h)anthracene	1.01	0.0500	"	1.00		101	16-133				
Fluoranthene	0.850	0.0500	"	1.00		85.0	32-121				
Fluorene	0.710	0.0500	"	1.00		71.0	28-118				
Hexachlorobenzene	0.510	0.0200	"	1.00		51.0	23-124				
Hexachlorobutadiene	0.690	0.500	"	1.00		69.0	15-123				
Hexachloroethane	0.680	0.500	"	1.00		68.0	18-115				
Indeno(1,2,3-cd)pyrene	0.970	0.0500	"	1.00		97.0	15-135				
Naphthalene	0.690	0.0500	"	1.00		69.0	18-120				
Nitrobenzene	1.12	0.250	"	1.00		112	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.620	0.250	"	1.00		62.0	10-156				
Phenanthrene	0.670	0.0500	"	1.00		67.0	24-127				
Pyrene	0.630	0.0500	"	1.00		63.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00366 - EPA 3510C											
LCS Dup (BE00366-BSD1) LCS Dup								Prepared & Analyzed: 05/11/2020			
1,1-Biphenyl	19.6	5.00	ug/L	25.0		78.4	33-95		5.07	20	
1,2,4,5-Tetrachlorobenzene	22.3	5.00	"	25.1		88.9	26-120		4.34	20	
1,2-Diphenylhydrazine (as Azobenzene)	19.1	5.00	"	25.0		76.2	16-141		2.74	20	
2,3,4,6-Tetrachlorophenol	29.8	5.00	"	25.0		119	30-130		2.55	20	
2,4,5-Trichlorophenol	19.1	5.00	"	25.0		76.4	32-114		1.40	20	
2,4,6-Trichlorophenol	21.2	5.00	"	25.0		84.8	35-118		5.73	20	
2,4-Dichlorophenol	22.1	5.00	"	25.0		88.2	25-116		2.34	20	
2,4-Dimethylphenol	20.6	5.00	"	25.0		82.5	15-116		1.86	20	
2,4-Dinitrophenol	22.2	5.00	"	25.0		88.7	10-170		6.61	20	
2,4-Dinitrotoluene	24.3	5.00	"	25.0		97.2	41-128		1.35	20	
2,6-Dinitrotoluene	24.7	5.00	"	25.0		98.9	45-116		4.93	20	
2-Chloronaphthalene	18.4	5.00	"	25.0		73.5	33-112		0.975	20	
2-Chlorophenol	17.6	5.00	"	25.0		70.4	15-120		1.69	20	
2-Methylnaphthalene	22.5	5.00	"	25.0		89.9	24-118		2.80	20	
2-Methylphenol	12.9	5.00	"	25.0		51.5	10-110		4.85	20	
2-Nitroaniline	25.8	5.00	"	25.0		103	34-129		1.62	20	
2-Nitrophenol	27.0	5.00	"	25.0		108	28-118		3.35	20	
3- & 4-Methylphenols	9.86	5.00	"	25.0		39.4	10-107		6.95	20	
3,3-Dichlorobenzidine	20.8	5.00	"	25.0		83.1	15-187		5.30	20	
3-Nitroaniline	20.2	5.00	"	25.0		80.6	24-134		9.54	20	
4,6-Dinitro-2-methylphenol	25.0	5.00	"	25.0		100	10-153		1.19	20	
4-Bromophenyl phenyl ether	20.3	5.00	"	25.0		81.1	34-120		2.40	20	
4-Chloro-3-methylphenol	22.9	5.00	"	25.0		91.6	20-120		0.877	20	
4-Chloroaniline	17.2	5.00	"	25.0		68.6	10-147		2.42	20	
4-Chlorophenyl phenyl ether	20.2	5.00	"	25.0		80.9	27-121		1.47	20	
4-Nitroaniline	21.7	5.00	"	25.0		86.8	13-134		3.09	20	
4-Nitrophenol	13.5	5.00	"	25.0		54.1	10-131		14.8	20	
Acetophenone	19.6	5.00	"	25.0		78.4	25-110		0.611	20	
Aniline	12.8	5.00	"	25.0		51.1	10-117		12.1	20	
Benzaldehyde	19.2	5.00	"	25.0		76.8	29-117		5.82	20	
Benzoic acid	5.32	5.00	"	25.0		21.3	30-130	Low Bias	15.6	20	
Benzyl alcohol	13.6	5.00	"	25.0		54.5	10-117		5.01	20	
Benzyl butyl phthalate	26.9	5.00	"	25.0		107	29-133		0.0372	20	
Bis(2-chloroethoxy)methane	18.9	5.00	"	25.0		75.7	10-154		3.71	20	
Bis(2-chloroethyl)ether	17.5	5.00	"	25.0		69.9	17-125		1.93	20	
Bis(2-chloroisopropyl)ether	19.1	5.00	"	25.0		76.4	10-139		0.735	20	
Caprolactam	4.64	5.00	"	25.0		18.6	10-137		0.00	20	
Carbazole	21.1	5.00	"	25.0		84.3	42-126		1.93	20	
Dibenzofuran	20.3	5.00	"	25.0		81.3	36-113		1.76	20	
Diethyl phthalate	22.3	5.00	"	25.0		89.0	38-115		1.68	20	
Dimethyl phthalate	21.7	5.00	"	25.0		86.8	38-129		1.25	20	
Di-n-butyl phthalate	22.5	5.00	"	25.0		90.1	31-120		1.10	20	
Di-n-octyl phthalate	30.2	5.00	"	25.0		121	21-149		1.94	20	
Diphenylamine	21.4	5.00	"	25.0		85.8	40-140		1.30	20	
Hexachlorocyclopentadiene	13.4	10.0	"	25.0		53.4	10-130		4.20	20	
Isophorone	21.8	5.00	"	25.0		87.1	25-127		2.32	20	
N-nitroso-di-n-propylamine	18.8	5.00	"	25.0		75.1	26-122		0.319	20	
N-Nitrosodiphenylamine	21.3	5.00	"	25.0		85.1	23-149		0.471	20	
Phenol	6.82	5.00	"	25.0		27.3	10-110		6.39	20	
Pyridine	7.34	5.00	"	27.5		26.7	10-90		22.1	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*18.6*		*"*	*50.0*		*37.3*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00366 - EPA 3510C											
LCS Dup (BE00366-BSD1) LCS Dup									Prepared & Analyzed: 05/11/2020		
Surrogate: SURR: Phenol-d5	*11.1*		*ug/L*	*50.0*		*22.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*24.4*		*"*	*25.0*		*97.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.0*		*"*	*25.0*		*72.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.4*		*"*	*50.0*		*86.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.3*		*"*	*25.0*		*97.3*	*30.7-106*				
Batch BE00472 - EPA 3550C											
Blank (BE00472-BLK1) Blank									Prepared: 05/12/2020 Analyzed: 05/13/2020		
1,1-Biphenyl	ND	0.0413	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0825	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0413	"								
2,3,4,6-Tetrachlorophenol	ND	0.0825	"								
2,4,5-Trichlorophenol	ND	0.0413	"								
2,4,6-Trichlorophenol	ND	0.0413	"								
2,4-Dichlorophenol	ND	0.0413	"								
2,4-Dimethylphenol	ND	0.0413	"								
2,4-Dinitrophenol	ND	0.0825	"								
2,4-Dinitrotoluene	ND	0.0413	"								
2,6-Dinitrotoluene	ND	0.0413	"								
2-Chloronaphthalene	ND	0.0413	"								
2-Chlorophenol	ND	0.0413	"								
2-Methylnaphthalene	ND	0.0413	"								
2-Methylphenol	ND	0.0413	"								
2-Nitroaniline	ND	0.0825	"								
2-Nitrophenol	ND	0.0413	"								
3- & 4-Methylphenols	ND	0.0413	"								
3,3-Dichlorobenzidine	ND	0.0413	"								
3-Nitroaniline	ND	0.0825	"								
4,6-Dinitro-2-methylphenol	ND	0.0825	"								
4-Bromophenyl phenyl ether	ND	0.0413	"								
4-Chloro-3-methylphenol	ND	0.0413	"								
4-Chloroaniline	ND	0.0413	"								
4-Chlorophenyl phenyl ether	ND	0.0413	"								
4-Nitroaniline	ND	0.0825	"								
4-Nitrophenol	ND	0.0825	"								
Acenaphthene	ND	0.0413	"								
Acenaphthylene	ND	0.0413	"								
Acetophenone	ND	0.0413	"								
Aniline	ND	0.165	"								
Anthracene	ND	0.0413	"								
Atrazine	ND	0.0413	"								
Benzaldehyde	ND	0.0413	"								
Benzidine	ND	0.165	"								
Benzo(a)anthracene	ND	0.0413	"								
Benzo(a)pyrene	ND	0.0413	"								
Benzo(b)fluoranthene	ND	0.0413	"								
Benzo(g,h,i)perylene	ND	0.0413	"								
Benzo(k)fluoranthene	ND	0.0413	"								
Benzoic acid	ND	0.0413	"								
Benzyl alcohol	ND	0.0413	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00472 - EPA 3550C											
Blank (BE00472-BLK1) Blank									Prepared: 05/12/2020 Analyzed: 05/13/2020		
Benzyl butyl phthalate	ND	0.0413	mg/kg wet								
Bis(2-chloroethoxy)methane	ND	0.0413	"								
Bis(2-chloroethyl)ether	ND	0.0413	"								
Bis(2-chloroisopropyl)ether	ND	0.0413	"								
Bis(2-ethylhexyl)phthalate	ND	0.0413	"								
Caprolactam	ND	0.0825	"								
Carbazole	ND	0.0413	"								
Chrysene	ND	0.0413	"								
Dibenzo(a,h)anthracene	ND	0.0413	"								
Dibenzofuran	ND	0.0413	"								
Diethyl phthalate	ND	0.0413	"								
Dimethyl phthalate	ND	0.0413	"								
Di-n-butyl phthalate	ND	0.0413	"								
Di-n-octyl phthalate	ND	0.0413	"								
Diphenylamine	ND	0.0825	"								
Fluoranthene	ND	0.0413	"								
Fluorene	ND	0.0413	"								
Hexachlorobenzene	ND	0.0413	"								
Hexachlorobutadiene	ND	0.0413	"								
Hexachlorocyclopentadiene	ND	0.0413	"								
Hexachloroethane	ND	0.0413	"								
Indeno(1,2,3-cd)pyrene	ND	0.0413	"								
Isophorone	ND	0.0413	"								
Naphthalene	ND	0.0413	"								
Nitrobenzene	ND	0.0413	"								
N-Nitrosodimethylamine	ND	0.0413	"								
N-nitroso-di-n-propylamine	ND	0.0413	"								
N-Nitrosodiphenylamine	ND	0.0413	"								
Pentachlorophenol	ND	0.0413	"								
Phenanthrene	ND	0.0413	"								
Phenol	ND	0.0413	"								
Pyrene	ND	0.0413	"								
Pyridine	ND	0.165	"								
Surrogate: SURR: 2-Fluorophenol	*1.25*		"	*1.65*		*75.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.27*		"	*1.65*		*77.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.738*		"	*0.825*		*89.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.734*		"	*0.825*		*89.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.73*		"	*1.65*		*105*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.908*		"	*0.825*		*110*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE00472 - EPA 3550C

Matrix Spike Dup (BE00472-M Matrix Spike Dup *Source sample: 20E0134-01 (SB10_0-2) Prepared: 05/12/2020 Analyzed: 05/13/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.671	0.0925	mg/kg dry	0.924	ND	72.6	10-130			30	
1,2,4,5-Tetrachlorobenzene	0.722	0.185	"	0.924	ND	78.2	10-133			30	
1,2-Diphenylhydrazine (as Azobenzene)	0.630	0.0925	"	0.924	ND	68.2	10-144			30	
2,3,4,6-Tetrachlorophenol	ND	0.185	"	0.924	ND		30-130	Low Bias		30	
2,4,5-Trichlorophenol	ND	0.0925	"	0.924	ND		10-127	Low Bias		30	
2,4,6-Trichlorophenol	ND	0.0925	"	0.924	ND		10-132	Low Bias		30	
2,4-Dichlorophenol	0.113	0.0925	"	0.924	ND	12.2	10-128			30	
2,4-Dimethylphenol	0.634	0.0925	"	0.924	ND	68.6	10-137			30	
2,4-Dinitrophenol	ND	0.185	"	0.924	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.730	0.0925	"	0.924	ND	79.0	16-135			30	
2,6-Dinitrotoluene	0.821	0.0925	"	0.924	ND	88.8	18-131			30	
2-Chloronaphthalene	0.625	0.0925	"	0.924	ND	67.6	10-129			30	
2-Chlorophenol	0.307	0.0925	"	0.924	ND	33.2	15-116			30	
2-Methylnaphthalene	0.699	0.0925	"	0.924	ND	75.6	10-147			30	
2-Methylphenol	0.546	0.0925	"	0.924	ND	59.0	10-136			30	
2-Nitroaniline	0.776	0.185	"	0.924	ND	84.0	10-137			30	
2-Nitrophenol	ND	0.0925	"	0.924	ND		10-129	Low Bias		30	
3- & 4-Methylphenols	0.481	0.0925	"	0.924	ND	52.0	10-123			30	
3,3-Dichlorobenzidine	0.561	0.0925	"	0.924	ND	60.7	10-155			30	
3-Nitroaniline	0.751	0.185	"	0.924	ND	81.3	12-133			30	
4,6-Dinitro-2-methylphenol	ND	0.185	"	0.924	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.694	0.0925	"	0.924	ND	75.1	14-128			30	
4-Chloro-3-methylphenol	0.604	0.0925	"	0.924	ND	65.4	10-134			30	
4-Chloroaniline	0.447	0.0925	"	0.924	ND	48.3	10-145			30	
4-Chlorophenyl phenyl ether	0.683	0.0925	"	0.924	ND	73.8	14-130			30	
4-Nitroaniline	0.811	0.185	"	0.924	ND	87.8	10-147			30	
4-Nitrophenol	1.18	0.185	"	0.924	ND	128	10-137			30	
Acenaphthene	0.686	0.0925	"	0.924	ND	74.2	10-146			30	
Acenaphthylene	0.603	0.0925	"	0.924	ND	65.3	10-134			30	
Acetophenone	0.592	0.0925	"	0.924	ND	64.1	10-116			30	
Aniline	0.295	0.370	"	0.924	ND	31.9	10-123			30	
Anthracene	0.827	0.0925	"	0.924	0.0601	83.0	10-142			30	
Atrazine	0.803	0.0925	"	0.924	ND	86.9	19-115			30	
Benzaldehyde	0.516	0.0925	"	0.924	ND	55.8	10-125			30	
Benzo(a)anthracene	1.08	0.0925	"	0.924	0.204	94.6	10-158			30	
Benzo(a)pyrene	1.01	0.0925	"	0.924	0.187	89.1	10-180			30	
Benzo(b)fluoranthene	1.08	0.0925	"	0.924	0.191	96.7	10-200			30	
Benzo(g,h,i)perylene	0.881	0.0925	"	0.924	0.125	81.9	10-138			30	
Benzo(k)fluoranthene	0.913	0.0925	"	0.924	0.165	80.9	10-197			30	
Benzoic acid	0.0532	0.0925	"	0.924	ND	5.76	10-166	Low Bias		30	
Benzyl alcohol	0.616	0.0925	"	0.924	ND	66.6	12-124			30	
Benzyl butyl phthalate	0.728	0.0925	"	0.924	ND	78.7	10-154			30	
Bis(2-chloroethoxy)methane	0.566	0.0925	"	0.924	ND	61.3	10-132			30	
Bis(2-chloroethyl)ether	0.472	0.0925	"	0.924	ND	51.0	10-119			30	
Bis(2-chloroisopropyl)ether	0.568	0.0925	"	0.924	ND	61.4	10-139			30	
Bis(2-ethylhexyl)phthalate	0.982	0.0925	"	0.924	0.102	95.2	10-167			30	
Caprolactam	0.557	0.185	"	0.924	ND	60.2	10-132			30	
Carbazole	0.786	0.0925	"	0.924	ND	85.0	10-167			30	
Chrysene	1.10	0.0925	"	0.924	0.229	94.1	10-156			30	
Dibenzo(a,h)anthracene	0.870	0.0925	"	0.924	ND	94.2	10-137			30	
Dibenzofuran	0.702	0.0925	"	0.924	ND	76.0	10-147			30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

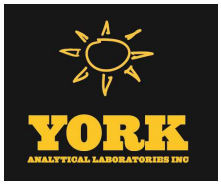
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00472 - EPA 3550C											
Matrix Spike Dup (BE00472-M Matrix Spike Dup *Source sample: 20E0134-01 (SB10_0-2)										Prepared: 05/12/2020 Analyzed: 05/13/2020	
Diethyl phthalate	0.634	0.0925	mg/kg dry	0.924	ND	68.6	20-120			30	
Dimethyl phthalate	0.643	0.0925	"	0.924	ND	69.5	18-131			30	
Di-n-butyl phthalate	0.686	0.0925	"	0.924	ND	74.2	10-137			30	
Di-n-octyl phthalate	0.809	0.0925	"	0.924	ND	87.5	10-180			30	
Diphenylamine	0.847	0.185	"	0.924	ND	91.7	40-140			30	
Fluoranthene	1.55	0.0925	"	0.924	0.484	115	10-160			30	
Fluorene	0.704	0.0925	"	0.924	ND	76.2	10-157			30	
Hexachlorobenzene	0.734	0.0925	"	0.924	ND	79.4	10-137			30	
Hexachlorobutadiene	0.579	0.0925	"	0.924	ND	62.6	10-132			30	
Hexachlorocyclopentadiene	0.0621	0.0925	"	0.924	ND	6.72	10-106	Low Bias		30	
Hexachloroethane	0.419	0.0925	"	0.924	ND	45.4	10-110			30	
Indeno(1,2,3-cd)pyrene	0.975	0.0925	"	0.924	0.113	93.2	10-144			30	
Isophorone	0.623	0.0925	"	0.924	ND	67.4	10-132			30	
Naphthalene	0.590	0.0925	"	0.924	ND	63.8	10-141			30	
Nitrobenzene	0.572	0.0925	"	0.924	ND	61.9	10-131			30	
N-Nitrosodimethylamine	0.382	0.0925	"	0.924	ND	41.4	10-126			30	
N-nitroso-di-n-propylamine	0.556	0.0925	"	0.924	ND	60.2	10-125			30	
N-Nitrosodiphenylamine	0.882	0.0925	"	0.924	ND	95.4	10-177			30	
Pentachlorophenol	ND	0.0925	"	0.924	ND		10-153	Low Bias		30	
Phenanthrene	1.14	0.0925	"	0.924	0.181	104	10-148			30	
Phenol	0.541	0.0925	"	0.924	ND	58.5	10-126			30	
Pyrene	1.43	0.0925	"	0.924	0.374	114	10-165			30	
Pyridine	0.244	0.370	"	0.924	ND	26.4	10-83			30	
Surrogate: SURR: 2-Fluorophenol	*0.434*		"	*1.85*		*23.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.09*		"	*1.85*		*58.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.620*		"	*0.924*		*67.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.644*		"	*0.924*		*69.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*1.85*			*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.842*		"	*0.924*		*91.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

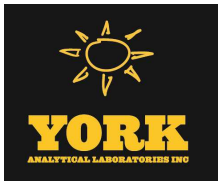
Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00297 - EPA 3550C												
Blank (BE00297-BLK1)	Blank								Prepared: 05/08/2020 Analyzed: 05/11/2020			
1,4-Dioxane		ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8		*307*		*"*	*495*		*62.0*	*39-83.1*				
LCS (BE00297-BS1)	LCS								Prepared: 05/08/2020 Analyzed: 05/11/2020			
1,4-Dioxane		448	9.90	ug/kg	495		90.4	40-130				
Surrogate: 1,4-Dioxane-d8		*307*		*"*	*495*		*62.0*	*39-83.1*				
Matrix Spike (BE00297-MS1)	Matrix Spike	*Source sample: 20E0134-02 (SB10_6-8)							Prepared: 05/08/2020 Analyzed: 05/11/2020			
1,4-Dioxane		462	9.90	ug/kg	495	ND	93.4	40-130				
Surrogate: 1,4-Dioxane-d8		*297*		*"*	*495*		*60.0*	*40-130*				
Matrix Spike Dup (BE00297-M	Matrix Spike Dup	*Source sample: 20E0134-02 (SB10_6-8)							Prepared: 05/08/2020 Analyzed: 05/11/2020			
1,4-Dioxane		459	9.90	ug/kg	495	ND	92.8	40-130		0.644	30	
Surrogate: 1,4-Dioxane-d8		*277*		*"*	*495*		*56.0*	*40-130*				
Batch BE00488 - EPA 3535A												
Blank (BE00488-BLK1)	Blank								Prepared & Analyzed: 05/13/2020			
1,4-Dioxane		ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8		*4.40*		*"*	*5.00*		*88.0*	*36.6-118*				
LCS (BE00488-BS1)	LCS								Prepared & Analyzed: 05/13/2020			
1,4-Dioxane		5.00	0.200	ug/L	5.00		100	50-130				
Surrogate: 1,4-Dioxane-d8		*4.20*		*"*	*5.00*		*84.0*	*36.6-118*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

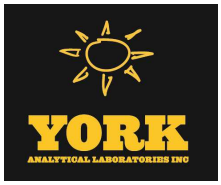
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00385 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BE00385-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	0.495	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	0.0790	0.495	"								
Perfluoroheptanoic acid (PFHpA)	0.108	0.495	"								
Perfluorohexanesulfonic acid (PFHxS)	0.105	0.495	"								
Perfluorooctanoic acid (PFOA)	0.245	0.495	"								
Perfluorooctanesulfonic acid (PFOS)	0.177	0.495	"								
Perfluorononanoic acid (PFNA)	0.175	0.495	"								
Perfluorodecanoic acid (PFDA)	0.194	0.495	"								
Perfluoroundecanoic acid (PFUnA)	0.172	0.495	"								
Perfluorododecanoic acid (PFDoA)	0.162	0.495	"								
Perfluorotridecanoic acid (PFTrDA)	0.162	0.495	"								
Perfluorotetradecanoic acid (PFTA)	0.164	0.495	"								
N-MeFOSAA	0.202	0.495	"								
N-EtFOSAA	0.225	0.495	"								
Perfluoropentanoic acid (PFPeA)	ND	0.495	"								
Perfluoro-1-octanesulfonamide (FOSA)	0.240	0.495	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.212	0.495	"								
Perfluoro-1-decanesulfonic acid (PFDS)	0.179	0.495	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	0.143	0.495	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	0.334	0.495	"								
Perfluoro-n-butanoic acid (PFBA)	0.189	0.495	"								
Surrogate: M3PFBS	*3.02*		"	*4.60*		*65.8*	*25-150*				
Surrogate: M5PFHxA	*3.13*		"	*4.95*		*63.3*	*25-150*				
Surrogate: M4PFHpA	*4.39*		"	*4.95*		*88.7*	*25-150*				
Surrogate: M3PFHxS	*3.42*		"	*4.68*		*73.0*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.49*		"	*4.95*		*70.6*	*25-150*				
Surrogate: M6PFDA	*3.77*		"	*4.95*		*76.1*	*25-150*				
Surrogate: M7PFUdA	*3.45*		"	*4.95*		*69.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.48*		"	*4.95*		*70.3*	*25-150*				
Surrogate: M2PFTeDA	*3.32*		"	*4.95*		*67.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.31*		"	*4.95*		*87.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.46*		"	*4.73*		*73.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.13*		"	*4.95*		*63.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.36*		"	*4.95*		*68.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.69*		"	*4.95*		*74.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.89*		"	*4.95*		*78.7*	*25-150*				
Surrogate: M2-6:2 FTS	*3.90*		"	*4.69*		*83.0*	*25-150*				
Surrogate: M2-8:2 FTS	*3.99*		"	*4.74*		*84.3*	*25-150*				
Surrogate: M9PFNA	*4.04*		"	*4.95*		*81.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

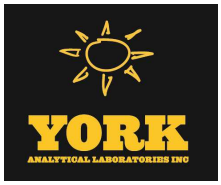
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00385 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BE00385-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Perfluorobutanesulfonic acid (PFBS)	4.27	0.484	ug/kg wet	4.28		99.6	50-130				
Perfluorohexanoic acid (PFHxA)	5.09	0.484	"	4.84		105	50-130				
Perfluoroheptanoic acid (PFHpA)	3.45	0.484	"	4.84		71.2	50-130				
Perfluorohexanesulfonic acid (PFHxS)	3.27	0.484	"	3.58		91.2	50-130				
Perfluorooctanoic acid (PFOA)	4.61	0.484	"	4.84		95.2	50-130				
Perfluorooctanesulfonic acid (PFOS)	3.18	0.484	"	3.53		90.1	50-130				
Perfluorononanoic acid (PFNA)	4.24	0.484	"	4.65		91.2	50-130				
Perfluorodecanoic acid (PFDA)	4.69	0.484	"	4.84		97.0	50-130				
Perfluoroundecanoic acid (PFUnA)	4.44	0.484	"	4.84		91.8	50-130				
Perfluorododecanoic acid (PFDoA)	4.36	0.484	"	4.84		90.0	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.26	0.484	"	4.84		88.1	50-130				
Perfluorotetradecanoic acid (PFTA)	4.46	0.484	"	4.84		92.1	50-130				
N-MeFOSAA	4.37	0.484	"	4.84		90.3	50-130				
N-EtFOSAA	4.52	0.484	"	4.84		93.3	50-130				
Perfluoropentanoic acid (PFPeA)	4.44	0.484	"	4.84		91.7	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.54	0.484	"	4.84		93.7	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.94	0.484	"	4.82		103	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	3.79	0.484	"	4.67		81.1	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.01	0.484	"	4.60		87.2	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.14	0.484	"	4.65		111	50-130				
Perfluoro-n-butanoic acid (PFBA)	4.70	0.484	"	4.84		97.0	50-130				
Surrogate: M3PFBS	*2.96*		"	*4.50*		*65.8*	*25-150*				
Surrogate: M5PFHxA	*2.69*		"	*4.84*		*55.6*	*25-150*				
Surrogate: M4PFHpA	*4.18*		"	*4.84*		*86.3*	*25-150*				
Surrogate: M3PFHxS	*3.23*		"	*4.58*		*70.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.31*		"	*4.84*		*68.4*	*25-150*				
Surrogate: M6PFDA	*3.33*		"	*4.84*		*68.7*	*25-150*				
Surrogate: M7PFUdA	*3.26*		"	*4.84*		*67.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.26*		"	*4.84*		*67.3*	*25-150*				
Surrogate: M2PFTeDA	*3.19*		"	*4.84*		*65.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.25*		"	*4.84*		*87.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.18*		"	*4.63*		*68.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.95*		"	*4.84*		*61.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.28*		"	*4.84*		*67.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.65*		"	*4.84*		*75.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.60*		"	*4.84*		*74.3*	*25-150*				
Surrogate: M2-6:2 FTS	*4.12*		"	*4.59*		*89.6*	*25-150*				
Surrogate: M2-8:2 FTS	*3.57*		"	*4.64*		*77.1*	*25-150*				
Surrogate: M9PFNA	*3.59*		"	*4.84*		*74.1*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00385 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BE00385-MS1) Matrix Spike *Source sample: 20E0134-02 (SB10_6-8)								Prepared: 05/11/2020 Analyzed: 05/13/2020			
Perfluorobutanesulfonic acid (PFBS)	4.37	0.485	ug/kg dry	4.30	ND	102	25-150				
Perfluorohexanoic acid (PFHxA)	4.49	0.485	"	4.85	ND	92.5	25-150				
Perfluoroheptanoic acid (PFHpA)	3.41	0.485	"	4.85	ND	70.3	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.10	0.485	"	3.59	ND	114	25-150				
Perfluorooctanoic acid (PFOA)	4.38	0.485	"	4.85	ND	90.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.31	0.485	"	3.54	ND	121	25-150				
Perfluorononanoic acid (PFNA)	3.64	0.485	"	4.66	ND	78.0	25-150				
Perfluorodecanoic acid (PFDA)	4.52	0.485	"	4.85	ND	93.2	25-150				
Perfluoroundecanoic acid (PFUnA)	4.27	0.485	"	4.85	ND	87.9	25-150				
Perfluorododecanoic acid (PFDoA)	4.25	0.485	"	4.85	ND	87.5	25-150				
Perfluorotridecanoic acid (PFTrDA)	3.87	0.485	"	4.85	ND	79.8	25-150				
Perfluorotetradecanoic acid (PFTA)	4.42	0.485	"	4.85	ND	91.1	25-150				
N-MeFOSAA	4.33	0.485	"	4.85	ND	89.2	25-150				
N-EtFOSAA	4.52	0.485	"	4.85	ND	93.1	25-150				
Perfluoropentanoic acid (PFPeA)	4.49	0.485	"	4.85	0.120	90.0	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.67	0.485	"	4.85	ND	96.3	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.77	0.485	"	4.83	ND	98.7	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.26	0.485	"	4.68	ND	69.5	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.08	0.485	"	4.61	ND	88.5	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.29	0.485	"	4.66	ND	114	25-150				
Perfluoro-n-butanoic acid (PFBA)	5.17	0.485	"	4.85	ND	106	25-150				
Surrogate: M3PFBS	*2.55*		"	*4.51*		*56.5*	*25-150*				
Surrogate: M5PFHxA	*2.59*		"	*4.85*		*53.4*	*25-150*				
Surrogate: M4PFHpA	*3.62*		"	*4.85*		*74.6*	*25-150*				
Surrogate: M3PFHxS	*2.76*		"	*4.59*		*60.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.15*		"	*4.85*		*64.9*	*25-150*				
Surrogate: M6PFDA	*3.39*		"	*4.85*		*69.8*	*25-150*				
Surrogate: M7PFUdA	*3.34*		"	*4.85*		*68.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.05*		"	*4.85*		*62.8*	*25-150*				
Surrogate: M2PFTeDA	*3.02*		"	*4.85*		*62.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.64*		"	*4.85*		*75.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.91*		"	*4.65*		*62.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.53*		"	*4.85*		*52.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.61*		"	*4.85*		*53.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		"	*4.85*		*85.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		"	*4.85*		*96.3*	*25-150*				
Surrogate: M2-6:2 FTS	*6.90*		"	*4.61*		*150*	*25-150*				
Surrogate: M2-8:2 FTS	*10.4*		"	*4.65*		*224*	*25-150*				
Surrogate: M9PFNA	*3.48*		"	*4.85*		*71.7*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00385 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BE00385-M Matrix Spike Dup	*Source sample: 20E0134-02 (SB10_6-8)								Prepared: 05/11/2020 Analyzed: 05/13/2020		
Perfluorobutanesulfonic acid (PFBS)	4.79	0.549	ug/kg dry	4.86	ND	98.5	25-150		9.16	35	
Perfluorohexanoic acid (PFHxA)	5.18	0.549	"	5.49	ND	94.4	25-150		14.3	35	
Perfluoroheptanoic acid (PFHpA)	3.75	0.549	"	5.49	ND	68.3	25-150		9.37	35	
Perfluorohexanesulfonic acid (PFHxS)	4.57	0.549	"	4.06	ND	112	25-150		10.7	35	
Perfluorooctanoic acid (PFOA)	5.25	0.549	"	5.49	ND	95.5	25-150		17.9	35	
Perfluorooctanesulfonic acid (PFOS)	5.30	0.549	"	4.01	ND	132	25-150		20.8	35	
Perfluorononanoic acid (PFNA)	4.56	0.549	"	5.27	ND	86.4	25-150		22.5	35	
Perfluorodecanoic acid (PFDA)	4.70	0.549	"	5.49	ND	85.5	25-150		3.78	35	
Perfluoroundecanoic acid (PFUnA)	4.72	0.549	"	5.49	ND	85.9	25-150		9.98	35	
Perfluorododecanoic acid (PFDoA)	4.90	0.549	"	5.49	ND	89.2	25-150		14.3	35	
Perfluorotridecanoic acid (PFTrDA)	4.41	0.549	"	5.49	ND	80.4	25-150		13.0	35	
Perfluorotetradecanoic acid (PFTA)	5.07	0.549	"	5.49	ND	92.3	25-150		13.7	35	
N-MeFOSAA	4.70	0.549	"	5.49	ND	85.6	25-150		8.32	35	
N-EtFOSAA	4.85	0.549	"	5.49	ND	88.3	25-150		7.06	35	
Perfluoropentanoic acid (PFPeA)	5.30	0.549	"	5.49	0.120	94.4	25-150		16.6	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.22	0.549	"	5.49	ND	95.0	25-150		11.0	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.87	0.549	"	5.46	ND	107	25-150		20.7	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.72	0.549	"	5.30	ND	70.2	25-150		13.4	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.41	0.549	"	5.22	ND	84.6	25-150		7.84	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.57	0.549	"	5.27	ND	106	25-150		5.13	35	
Perfluoro-n-butanoic acid (PFBA)	5.40	0.549	"	5.49	ND	98.3	25-150		4.39	35	
Surrogate: M3PFBS	*3.09*		"	*5.10*		*60.6*	*25-150*				
Surrogate: M5PFHxA	*3.04*		"	*5.49*		*55.3*	*25-150*				
Surrogate: M4PFHpA	*4.36*		"	*5.49*		*79.5*	*25-150*				
Surrogate: M3PFHxS	*3.23*		"	*5.20*		*62.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.35*		"	*5.49*		*61.1*	*25-150*				
Surrogate: M6PFDA	*3.78*		"	*5.49*		*68.8*	*25-150*				
Surrogate: M7PFUdA	*3.64*		"	*5.49*		*66.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.13*		"	*5.49*		*57.0*	*25-150*				
Surrogate: M2PFTeDA	*2.89*		"	*5.49*		*52.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.38*		"	*5.49*		*79.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.12*		"	*5.26*		*59.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.93*		"	*5.49*		*53.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.95*		"	*5.49*		*53.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.99*		"	*5.49*		*72.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.67*		"	*5.49*		*85.1*	*25-150*				
Surrogate: M2-6:2 FTS	*4.84*		"	*5.21*		*92.8*	*25-150*				
Surrogate: M2-8:2 FTS	*6.57*		"	*5.26*		*125*	*25-150*				
Surrogate: M9PFNA	*3.78*		"	*5.49*		*68.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00279 - EPA 3550C											
Blank (BE00279-BLK1) Blank									Prepared: 05/07/2020 Analyzed: 05/11/2020		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0664*		*76.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0525*		*"*	*0.0664*		*79.0*	*30-150*				
LCS (BE00279-BS1) LCS									Prepared: 05/07/2020 Analyzed: 05/11/2020		
4,4'-DDD	0.0324	0.00164	mg/kg wet	0.0332		97.6	40-140				
4,4'-DDE	0.0323	0.00164	"	0.0332		97.2	40-140				
4,4'-DDT	0.0293	0.00164	"	0.0332		88.1	40-140				
Aldrin	0.0333	0.00164	"	0.0332		100	40-140				
alpha-BHC	0.0301	0.00164	"	0.0332		90.6	40-140				
alpha-Chlordane	0.0322	0.00164	"	0.0332		96.8	40-140				
beta-BHC	0.0310	0.00164	"	0.0332		93.3	40-140				
delta-BHC	0.0323	0.00164	"	0.0332		97.3	40-140				
Dieldrin	0.0321	0.00164	"	0.0332		96.5	40-140				
Endosulfan I	0.0320	0.00164	"	0.0332		96.3	40-140				
Endosulfan II	0.0319	0.00164	"	0.0332		96.1	40-140				
Endosulfan sulfate	0.0369	0.00164	"	0.0332		111	40-140				
Endrin	0.0322	0.00164	"	0.0332		97.0	40-140				
Endrin aldehyde	0.0337	0.00164	"	0.0332		101	40-140				
Endrin ketone	0.0340	0.00164	"	0.0332		102	40-140				
gamma-BHC (Lindane)	0.0312	0.00164	"	0.0332		94.0	40-140				
gamma-Chlordane	0.0317	0.00164	"	0.0332		95.5	40-140				
Heptachlor	0.0314	0.00164	"	0.0332		94.5	40-140				
Heptachlor epoxide	0.0327	0.00164	"	0.0332		98.4	40-140				
Methoxychlor	0.0333	0.00164	"	0.0332		100	40-140				
Surrogate: Decachlorobiphenyl	*0.0539*		*"*	*0.0664*		*81.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0558*		*"*	*0.0664*		*84.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00279 - EPA 3550C											
Matrix Spike (BE00279-MS1) Matrix Spike	*Source sample: 20E0134-02 (SB10_6-8)								Prepared: 05/07/2020 Analyzed: 05/11/2020		
4,4'-DDD	0.0177	0.00194	mg/kg dry	0.0391	ND	45.1	30-150				
4,4'-DDE	0.0161	0.00194	"	0.0391	ND	41.2	30-150				
4,4'-DDT	0.0153	0.00194	"	0.0391	ND	39.1	30-150				
Aldrin	0.0193	0.00194	"	0.0391	ND	49.3	30-150				
alpha-BHC	0.0254	0.00194	"	0.0391	ND	65.0	30-150				
alpha-Chlordane	0.0190	0.00194	"	0.0391	ND	48.7	30-150				
beta-BHC	0.0255	0.00194	"	0.0391	ND	65.1	30-150				
delta-BHC	0.0238	0.00194	"	0.0391	ND	60.8	30-150				
Dieldrin	0.0217	0.00194	"	0.0391	ND	55.4	30-150				
Endosulfan I	0.0230	0.00194	"	0.0391	ND	58.8	30-150				
Endosulfan II	0.0213	0.00194	"	0.0391	ND	54.4	30-150				
Endosulfan sulfate	0.0216	0.00194	"	0.0391	ND	55.3	30-150				
Endrin	0.0223	0.00194	"	0.0391	ND	56.9	30-150				
Endrin aldehyde	0.0233	0.00194	"	0.0391	ND	59.6	30-150				
Endrin ketone	0.0231	0.00194	"	0.0391	ND	59.1	30-150				
gamma-BHC (Lindane)	0.0272	0.00194	"	0.0391	ND	69.6	30-150				
gamma-Chlordane	0.0179	0.00194	"	0.0391	ND	45.8	30-150				
Heptachlor	0.0198	0.00194	"	0.0391	ND	50.7	30-150				
Heptachlor epoxide	0.0237	0.00194	"	0.0391	ND	60.6	30-150				
Methoxychlor	0.0173	0.00194	"	0.0391	ND	44.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0264*		*"*	*0.0783*		*33.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0367*		*"*	*0.0783*		*46.9*	*30-150*				
Matrix Spike Dup (BE00279-M Matrix Spike Dup	*Source sample: 20E0134-02 (SB10_6-8)								Prepared: 05/07/2020 Analyzed: 05/11/2020		
4,4'-DDD	0.0185	0.00194	mg/kg dry	0.0391	ND	47.4	30-150		4.92	30	
4,4'-DDE	0.0165	0.00194	"	0.0391	ND	42.2	30-150		2.44	30	
4,4'-DDT	0.0154	0.00194	"	0.0391	ND	39.4	30-150		0.802	30	
Aldrin	0.0203	0.00194	"	0.0391	ND	51.8	30-150		4.96	30	
alpha-BHC	0.0266	0.00194	"	0.0391	ND	67.9	30-150		4.33	30	
alpha-Chlordane	0.0200	0.00194	"	0.0391	ND	51.2	30-150		5.10	30	
beta-BHC	0.0262	0.00194	"	0.0391	ND	67.1	30-150		3.03	30	
delta-BHC	0.0245	0.00194	"	0.0391	ND	62.6	30-150		3.00	30	
Dieldrin	0.0227	0.00194	"	0.0391	ND	58.1	30-150		4.74	30	
Endosulfan I	0.0241	0.00194	"	0.0391	ND	61.5	30-150		4.38	30	
Endosulfan II	0.0222	0.00194	"	0.0391	ND	56.7	30-150		4.06	30	
Endosulfan sulfate	0.0231	0.00194	"	0.0391	ND	59.0	30-150		6.34	30	
Endrin	0.0231	0.00194	"	0.0391	ND	59.1	30-150		3.82	30	
Endrin aldehyde	0.0250	0.00194	"	0.0391	ND	64.0	30-150		7.09	30	
Endrin ketone	0.0248	0.00194	"	0.0391	ND	63.5	30-150		7.16	30	
gamma-BHC (Lindane)	0.0282	0.00194	"	0.0391	ND	72.2	30-150		3.65	30	
gamma-Chlordane	0.0189	0.00194	"	0.0391	ND	48.3	30-150		5.31	30	
Heptachlor	0.0208	0.00194	"	0.0391	ND	53.2	30-150		4.85	30	
Heptachlor epoxide	0.0252	0.00194	"	0.0391	ND	64.5	30-150		6.15	30	
Methoxychlor	0.0185	0.00194	"	0.0391	ND	47.2	30-150		6.75	30	
Surrogate: Decachlorobiphenyl	*0.0288*		*"*	*0.0783*		*36.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0378*		*"*	*0.0783*		*48.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00361 - EPA SW846-3510C Low Level											
Blank (BE00361-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Tetrachloro-m-xylene	*0.169*		*"*	*0.200*		*84.5*	*30-150*				
LCS (BE00361-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
4,4'-DDD	0.0880	0.00400	ug/L	0.100		88.0	40-140				
4,4'-DDE	0.0882	0.00400	"	0.100		88.2	40-140				
4,4'-DDT	0.0947	0.00400	"	0.100		94.7	40-140				
Aldrin	0.0689	0.00400	"	0.100		68.9	40-140				
alpha-BHC	0.0690	0.00400	"	0.100		69.0	40-140				
alpha-Chlordane	0.0744	0.00400	"	0.100		74.4	40-140				
beta-BHC	0.0752	0.00400	"	0.100		75.2	40-140				
delta-BHC	0.0839	0.00400	"	0.100		83.9	40-140				
Dieldrin	0.0828	0.00200	"	0.100		82.8	40-140				
Endosulfan I	0.0786	0.00400	"	0.100		78.6	40-140				
Endosulfan II	0.0893	0.00400	"	0.100		89.3	40-140				
Endosulfan sulfate	0.0996	0.00400	"	0.100		99.6	40-140				
Endrin	0.0852	0.00400	"	0.100		85.2	40-140				
Endrin aldehyde	0.0869	0.0100	"	0.100		86.9	40-140				
Endrin ketone	0.0888	0.0100	"	0.100		88.8	40-140				
gamma-BHC (Lindane)	0.0730	0.00400	"	0.100		73.0	40-140				
gamma-Chlordane	0.0764	0.0100	"	0.100		76.4	40-140				
Heptachlor	0.0780	0.00400	"	0.100		78.0	40-140				
Heptachlor epoxide	0.0769	0.00400	"	0.100		76.9	40-140				
Methoxychlor	0.0902	0.00400	"	0.100		90.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*76.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00361 - EPA SW846-3510C Low Level											
LCS Dup (BE00361-BSD1) LCS Dup								Prepared: 05/11/2020 Analyzed: 05/12/2020			
4,4'-DDD	0.0883	0.00400	ug/L	0.100		88.3	40-140		0.242	20	
4,4'-DDE	0.0914	0.00400	"	0.100		91.4	40-140		3.56	20	
4,4'-DDT	0.0935	0.00400	"	0.100		93.5	40-140		1.27	20	
Aldrin	0.0801	0.00400	"	0.100		80.1	40-140		15.1	20	
alpha-BHC	0.0730	0.00400	"	0.100		73.0	40-140		5.75	20	
alpha-Chlordane	0.0789	0.00400	"	0.100		78.9	40-140		5.95	20	
beta-BHC	0.0767	0.00400	"	0.100		76.7	40-140		1.99	20	
delta-BHC	0.0858	0.00400	"	0.100		85.8	40-140		2.25	20	
Dieldrin	0.0848	0.00200	"	0.100		84.8	40-140		2.36	20	
Endosulfan I	0.0822	0.00400	"	0.100		82.2	40-140		4.43	20	
Endosulfan II	0.0896	0.00400	"	0.100		89.6	40-140		0.312	20	
Endosulfan sulfate	0.0974	0.00400	"	0.100		97.4	40-140		2.20	20	
Endrin	0.0855	0.00400	"	0.100		85.5	40-140		0.312	20	
Endrin aldehyde	0.0884	0.0100	"	0.100		88.4	40-140		1.71	20	
Endrin ketone	0.0889	0.0100	"	0.100		88.9	40-140		0.153	20	
gamma-BHC (Lindane)	0.0769	0.00400	"	0.100		76.9	40-140		5.12	20	
gamma-Chlordane	0.0748	0.0100	"	0.100		74.8	40-140		2.22	20	
Heptachlor	0.0872	0.00400	"	0.100		87.2	40-140		11.1	20	
Heptachlor epoxide	0.0806	0.00400	"	0.100		80.6	40-140		4.76	20	
Methoxychlor	0.0909	0.00400	"	0.100		90.9	40-140		0.763	20	
Surrogate: Tetrachloro-m-xylene	*0.162*		*"*	*0.200*		*80.8*	*30-150*				
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-P Performance Mix								Prepared & Analyzed: 03/08/2020			
4,4'-DDD	4.80		ng/mL	0.00			0-200				
4,4'-DDE	0.964		"	0.00			0-200				
4,4'-DDT	206		"	200		103	0-200				
Endrin	98.0		"	100		98.0	0-200				
Endrin aldehyde	0.511		"	0.00			0-200				
Endrin ketone	3.00		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0E1202 - BE00279											
Performance Mix (Y0E1202-P Performance Mix										Prepared & Analyzed: 05/11/2020	
4,4'-DDD	10.6		ng/mL	0.00			0-200				
4,4'-DDE	1.26		"	0.00			0-200				
4,4'-DDT	208		"	200		104	0-200				
Endrin	108		"	100		108	0-200				
Endrin aldehyde	1.20		"	0.00			0-200				
Endrin ketone	4.02		"	0.00			0-200				
Batch Y0E1314 - BE00278											
Performance Mix (Y0E1314-P Performance Mix										Prepared & Analyzed: 05/12/2020	
4,4'-DDD	11.8		ng/mL	0.00			0-200				
4,4'-DDE	1.36		"	0.00			0-200				
4,4'-DDT	195		"	200		97.4	0-200				
Endrin	103		"	100		103	0-200				
Endrin aldehyde	0.837		"	0.00			0-200				
Endrin ketone	4.43		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00279 - EPA 3550C											
Blank (BE00279-BLK2) Blank									Prepared: 05/07/2020 Analyzed: 05/08/2020		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0369*		*"*	*0.0664*		*55.5*	*30-150*				
LCS (BE00279-BS2) LCS									Prepared: 05/07/2020 Analyzed: 05/08/2020		
Aroclor 1016	0.261	0.0166	mg/kg wet	0.332		78.7	40-140			30	
Aroclor 1260	0.286	0.0166	"	0.332		86.2	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0449*		*"*	*0.0664*		*67.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0409*		*"*	*0.0664*		*61.5*	*30-150*				
Matrix Spike (BE00279-MS2) Matrix Spike *Source sample: 20E0134-02 (SB10_6-8)									Prepared: 05/07/2020 Analyzed: 05/08/2020		
Aroclor 1016	0.213	0.0196	mg/kg dry	0.391	ND	54.3	40-140			30	
Aroclor 1260	0.201	0.0196	"	0.391	ND	51.3	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0368*		*"*	*0.0783*		*47.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0274*		*"*	*0.0783*		*35.0*	*30-150*				
Matrix Spike Dup (BE00279-M Matrix Spike Dup *Source sample: 20E0134-02 (SB10_6-8)									Prepared: 05/07/2020 Analyzed: 05/08/2020		
Aroclor 1016	0.211	0.0196	mg/kg dry	0.391	ND	54.0	40-140		0.665	30	
Aroclor 1260	0.198	0.0196	"	0.391	ND	50.5	40-140		1.53	30	
Surrogate: Tetrachloro-m-xylene	*0.0368*		*"*	*0.0783*		*47.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0274*		*"*	*0.0783*		*35.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00361 - EPA SW846-3510C Low Level											
Blank (BE00361-BLK2) Blank								Prepared & Analyzed: 05/11/2020			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1262	ND	0.0500	"								
Aroclor 1268	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.148*		*"*	*0.200*		*74.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.176*		*"*	*0.200*		*88.0*	*30-120*				
LCS (BE00361-BS2) LCS								Prepared & Analyzed: 05/11/2020			
Aroclor 1016	1.11	0.0500	ug/L	1.00		111	40-120				
Aroclor 1260	1.23	0.0500	"	1.00		123	40-120	High Bias			
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.200*		*75.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.166*		*"*	*0.200*		*83.0*	*30-120*				
LCS Dup (BE00361-BSD2) LCS Dup								Prepared & Analyzed: 05/11/2020			
Aroclor 1016	1.11	0.0500	ug/L	1.00		111	40-120		0.234	30	
Aroclor 1260	1.33	0.0500	"	1.00		133	40-120	High Bias	7.97	30	
Surrogate: Tetrachloro-m-xylene	*0.161*		*"*	*0.200*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.170*		*"*	*0.200*		*85.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00298 - EPA 3550C/8151A											
Blank (BE00298-BLK1) Blank									Prepared: 05/08/2020 Analyzed: 05/11/2020		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.562*		*"*	*0.498*		*113*	*21-150*				
LCS (BE00298-BS1) LCS									Prepared: 05/08/2020 Analyzed: 05/11/2020		
2,4,5-T	0.122	0.0199	mg/kg wet	0.159		76.2	10-120				
2,4,5-TP (Silvex)	0.147	0.0199	"	0.159		92.5	10-120				
2,4-D	0.135	0.0199	"	0.159		85.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.589*		*"*	*0.498*		*118*	*21-150*				
Matrix Spike (BE00298-MS1) Matrix Spike *Source sample: 20E0134-02 (SB10_6-8)									Prepared: 05/08/2020 Analyzed: 05/11/2020		
2,4,5-T	0.0845	0.0235	mg/kg dry	0.188	ND	45.0	10-120				
2,4,5-TP (Silvex)	0.103	0.0235	"	0.188	ND	55.0	10-120				
2,4-D	0.0962	0.0235	"	0.188	ND	51.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.473*		*"*	*0.587*		*80.6*	*21-150*				
Matrix Spike Dup (BE00298-M Matrix Spike Dup *Source sample: 20E0134-02 (SB10_6-8)									Prepared: 05/08/2020 Analyzed: 05/11/2020		
2,4,5-T	0.0821	0.0235	mg/kg dry	0.188	ND	43.8	10-120		2.82	35	
2,4,5-TP (Silvex)	0.0997	0.0235	"	0.188	ND	53.1	10-120		3.47	35	
2,4-D	0.0938	0.0235	"	0.188	ND	50.0	10-118		2.47	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.456*		*"*	*0.587*		*77.8*	*21-150*				
Batch BE00428 - EPA 8151A											
Blank (BE00428-BLK1) Blank									Prepared & Analyzed: 05/12/2020		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
2,4-DB	ND	5.00	"								
Dalapon	ND	5.00	"								
Dicamba	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*133*		*"*	*125*		*106*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00428 - EPA 8151A											
LCS (BE00428-BS1) LCS							Prepared & Analyzed: 05/12/2020				
2,4,5-T	29.5	5.00	ug/L	40.0		73.8	10-140				
2,4,5-TP (Silvex)	34.8	5.00	"	40.0		86.9	10-139				
2,4-D	32.0	5.00	"	40.0		80.0	10-140				
2,4-DB	35.0	5.00	"	40.0		87.5	10-137				
Dalapon	ND	5.00	"				40-140				
Dicamba	36.0	5.00	"	40.0		90.0	10-124				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*134*		*"*	*125*		*107*	*30-150*				
LCS Dup (BE00428-BSD1) LCS Dup							Prepared & Analyzed: 05/12/2020				
2,4,5-T	29.2	5.00	ug/L	40.0		73.1	10-140		0.851	30	
2,4,5-TP (Silvex)	34.8	5.00	"	40.0		86.9	10-139		0.00	30	
2,4-D	32.0	5.00	"	40.0		80.0	10-140		0.00	30	
2,4-DB	35.2	5.00	"	40.0		88.1	10-137		0.712	30	
Dalapon	ND	5.00	"				40-140			30	
Dicamba	36.0	5.00	"	40.0		90.0	10-124		0.00	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*134*		*"*	*125*		*107*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00248 - EPA 3050B											
Blank (BE00248-BLK1) Blank									Prepared: 05/07/2020 Analyzed: 05/12/2020		
Aluminum	ND	5.00	mg/kg wet								
Antimony	2.94	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	7.43	5.00	"								
Selenium	2.87	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BE00248-DUP1) Duplicate		*Source sample: 20E0134-02 (SB10_6-8)							Prepared: 05/07/2020 Analyzed: 05/12/2020		
Aluminum	7100	5.89	mg/kg dry		6940				2.33	35	
Antimony	ND	2.94	"		ND					35	
Arsenic	ND	1.77	"		1.79					35	
Barium	55.5	2.94	"		61.9				10.9	35	
Beryllium	ND	0.059	"		ND					35	
Cadmium	ND	0.353	"		ND					35	
Calcium	3180	5.89	"		3390				6.45	35	
Chromium	32.1	0.589	"		32.2				0.119	35	
Cobalt	13.1	0.471	"		13.5				3.06	35	
Copper	47.7	2.36	"		49.0				2.58	35	
Iron	15200	29.4	"		15000				1.48	35	
Lead	77.8	0.589	"		74.0				5.05	35	
Magnesium	7550	5.89	"		7370				2.44	35	
Manganese	154	0.589	"		158				2.22	35	
Nickel	150	1.18	"		182				19.3	35	
Potassium	1120	5.89	"		1140				1.87	35	
Selenium	ND	2.94	"		ND					35	
Silver	ND	0.589	"		ND					35	
Sodium	337	58.9	"		298				12.5	35	
Thallium	ND	2.94	"		ND					35	
Vanadium	26.8	1.18	"		24.7				7.97	35	
Zinc	48.1	2.94	"		49.1				2.15	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00248 - EPA 3050B											
Matrix Spike (BE00248-MS1) Matrix Spike	*Source sample: 20E0134-02 (SB10_6-8)							Prepared: 05/07/2020 Analyzed: 05/12/2020			
Aluminum	7340	5.89	mg/kg dry	236	6940	173	75-125	High Bias			
Antimony	6.46	2.94	"	29.4	ND	21.9	75-125	Low Bias			
Arsenic	238	1.77	"	236	1.79	100	75-125				
Barium	301	2.94	"	236	61.9	102	75-125				
Beryllium	4.03	0.059	"	5.89	ND	68.4	75-125	Low Bias			
Cadmium	5.83	0.353	"	5.89	ND	99.1	75-125				
Calcium	4790	5.89	"	118	3390	NR	75-125	High Bias			
Chromium	55.9	0.589	"	23.6	32.2	101	75-125				
Cobalt	74.0	0.471	"	58.9	13.5	103	75-125				
Copper	81.1	2.36	"	29.4	49.0	109	75-125				
Iron	15600	29.4	"	118	15000	544	75-125	High Bias			
Lead	143	0.589	"	58.9	74.0	117	75-125				
Magnesium	8120	5.89	"	118	7370	636	75-125	High Bias			
Manganese	213	0.589	"	58.9	158	93.4	75-125				
Nickel	208	1.18	"	58.9	182	44.6	75-125	Low Bias			
Potassium	1240	5.89	"	118	1140	87.9	75-125				
Selenium	207	2.94	"	236	ND	87.7	75-125				
Silver	4.95	0.589	"	5.89	ND	84.0	75-125				
Sodium	466	58.9	"	118	298	143	75-125	High Bias			
Thallium	244	2.94	"	236	ND	103	75-125				
Vanadium	80.1	1.18	"	58.9	24.7	94.2	75-125				
Zinc	111	2.94	"	58.9	49.1	106	75-125				
Post Spike (BE00248-PS1) Post Spike	*Source sample: 20E0134-02 (SB10_6-8)							Prepared: 05/07/2020 Analyzed: 05/12/2020			
Aluminum	62.8		ug/mL	2.00	58.9	197	75-125	High Bias			
Antimony	0.239		"	0.250	0.004	94.1	75-125				
Arsenic	1.91		"	2.00	0.015	94.7	75-125				
Barium	2.50		"	2.00	0.525	98.6	75-125				
Beryllium	0.031		"	0.0500	-0.017	61.6	75-125	Low Bias			
Cadmium	0.046		"	0.0500	-0.002	91.7	75-125				
Calcium	30.6		"	1.00	28.8	179	75-125	High Bias			
Chromium	0.458		"	0.200	0.273	92.7	75-125				
Cobalt	0.611		"	0.500	0.115	99.2	75-125				
Copper	0.644		"	0.250	0.416	91.3	75-125				
Iron	130		"	1.00	127	298	75-125	High Bias			
Lead	1.09		"	0.500	0.628	91.8	75-125				
Magnesium	64.8		"	1.00	62.6	220	75-125	High Bias			
Manganese	1.79		"	0.500	1.34	90.7	75-125				
Nickel	1.98		"	0.500	1.54	86.4	75-125				
Potassium	10.9		"	1.00	9.68	123	75-125				
Selenium	1.65		"	2.00	-0.033	82.4	75-125				
Silver	0.036		"	0.0500	-0.004	72.6	75-125	Low Bias			
Sodium	3.67		"	1.00	2.53	114	75-125				
Thallium	1.95		"	2.00	-0.010	97.6	75-125				
Vanadium	0.677		"	0.500	0.210	93.4	75-125				
Zinc	0.880		"	0.500	0.417	92.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00248 - EPA 3050B											
Reference (BE00248-SRM1) Reference									Prepared: 05/07/2020 Analyzed: 05/12/2020		
Aluminum	9070	5.00	mg/kg wet	8460		107	50.5-150.1				
Antimony	60.8	2.50	"	120		50.6	19-251.7				
Arsenic	98.2	1.50	"	95.5		103	70.1-129.8				
Barium	320	2.50	"	300		107	75-125				
Beryllium	105	0.050	"	103		102	75-125.2				
Cadmium	142	0.300	"	135		105	74.8-125.2				
Calcium	4930	5.00	"	4720		105	72.7-127.5				
Chromium	151	0.500	"	147		103	70.1-129.9				
Cobalt	49.0	0.400	"	43.2		113	75-125				
Copper	167	2.00	"	150		111	75.3-125.3				
Iron	14100	25.0	"	14400		98.1	35.8-164.6				
Lead	95.5	0.500	"	92.3		103	70-130				
Magnesium	2440	5.00	"	2300		106	61.7-137.8				
Manganese	726	0.500	"	677		107	78.1-122				
Nickel	75.1	1.00	"	59.8		126	70.1-130.1				
Potassium	2130	5.00	"	2030		105	59.1-140.9				
Selenium	29.5	2.50	"	42.0		70.3	55.7-144.5				
Silver	41.2	0.500	"	40.3		102	69.2-130.8				
Sodium	140	50.0	"	139		101	36.1-163.3				
Thallium	84.1	2.50	"	83.1		101	65.3-146.8				
Vanadium	96.6	1.00	"	96.9		99.7	67-133.1				
Zinc	380	2.50	"	369		103	69.9-130.1				
Batch BE00394 - EPA 3015A											
Blank (BE00394-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00394 - EPA 3015A											
LCS (BE00394-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Aluminum	1.94		ug/mL	2.00		97.2	80-120				
Barium	1.95		"	2.00		97.6	80-120				
Calcium	0.951		"	1.00		95.1	80-120				
Chromium	0.201		"	0.200		101	80-120				
Cobalt	0.496		"	0.500		99.3	80-120				
Copper	0.249		"	0.250		99.7	80-120				
Iron	0.946		"	1.00		94.6	80-120				
Lead	0.466		"	0.500		93.2	80-120				
Magnesium	0.951		"	1.00		95.1	80-120				
Manganese	0.487		"	0.500		97.4	80-120				
Nickel	0.482		"	0.500		96.5	80-120				
Potassium	0.900		"	1.00		90.0	80-120				
Silver	0.0553		"	0.0500		111	80-120				
Sodium	0.930		"	1.00		93.0	80-120				
Vanadium	0.476		"	0.500		95.2	80-120				
Zinc	0.465		"	0.500		93.0	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00395 - EPA 3015A											
Blank (BE00395-BLK1) Blank										Prepared: 05/11/2020 Analyzed: 05/12/2020	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE00395-BS1) LCS										Prepared: 05/11/2020 Analyzed: 05/12/2020	
Antimony	40.2		ug/L	50.0		80.3	80-120				
Arsenic	45.6		"	50.0		91.2	80-120				
Beryllium	50.7		"	50.0		101	80-120				
Cadmium	42.8		"	50.0		85.7	80-120				
Selenium	45.1		"	50.0		90.1	80-120				
Thallium	47.8		"	50.0		95.6	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00262 - EPA 7473 soil												
Blank (BE00262-BLK1)	Blank								Prepared & Analyzed: 05/07/2020			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BE00262-DUP1)	Duplicate	*Source sample: 20E0134-02 (SB10_6-8)							Prepared & Analyzed: 05/07/2020			
Mercury		0.432	0.0353	mg/kg dry		0.401				7.35	35	
Matrix Spike (BE00262-MS1)	Matrix Spike	*Source sample: 20E0134-02 (SB10_6-8)							Prepared & Analyzed: 05/07/2020			
Mercury		0.877		mg/kg	0.500	0.341	107	75-125				
Reference (BE00262-SRM1)	Reference								Prepared & Analyzed: 05/07/2020			
Mercury		3.1122		mg/kg	3.71		83.9	65-135				
Batch BE00303 - EPA 7473 water												
Blank (BE00303-BLK1)	Blank								Prepared & Analyzed: 05/08/2020			
Mercury		ND	0.00020	mg/L								
Reference (BE00303-SRM1)	Reference								Prepared & Analyzed: 05/08/2020			
Mercury		0.0113		mg/L	0.0100		113	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00232 - Analysis Preparation												
Blank (BE00232-BLK1)	Blank								Prepared & Analyzed: 05/06/2020			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BE00232-BS1)	LCS								Prepared & Analyzed: 05/06/2020			
Chromium, Hexavalent		0.532	0.0100	mg/L	0.500		106	80-120				
Duplicate (BE00232-DUP1)	Duplicate	*Source sample: 20E0134-08 (SOFB03_050620)							Prepared & Analyzed: 05/06/2020			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BE00232-MS1)	Matrix Spike	*Source sample: 20E0134-08 (SOFB03_050620)							Prepared & Analyzed: 05/06/2020			
Chromium, Hexavalent		0.554	0.0100	mg/L	0.500	ND	111	75-125				
Batch BE00241 - Analysis Preparation Soil												
Blank (BE00241-BLK1)	Blank								Prepared & Analyzed: 05/07/2020			
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BE00241-SRM1)	Reference								Prepared & Analyzed: 05/07/2020			
Cyanide, total		82.3		ug/mL	96.2		85.5	42.41-156.96				
Batch BE00268 - Analysis Preparation												
Blank (BE00268-BLK1)	Blank								Prepared: 05/07/2020 Analyzed: 05/08/2020			
Cyanide, total		ND	0.0100	mg/L								
Reference (BE00268-SRM1)	Reference								Prepared: 05/07/2020 Analyzed: 05/08/2020			
Cyanide, total		0.184	0.0100	mg/L	0.200		92.1	0-200				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00289 - EPA SW846-3060												
Blank (BE00289-BLK1)	Blank								Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Reference (BE00289-SRM1)	Reference								Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		120		mg/L	124		97.2	33.06-167.74				
Batch BE00290 - Analysis Preparation Soil												
Blank (BE00290-BLK1)	Blank								Prepared & Analyzed: 05/07/2020			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BE00290-DUP1)	Duplicate	*Source sample: 20E0134-02 (SB10_6-8)							Prepared & Analyzed: 05/07/2020			
Cyanide, total		ND	0.589	mg/kg dry		ND					15	
Matrix Spike (BE00290-MS1)	Matrix Spike	*Source sample: 20E0134-02 (SB10_6-8)							Prepared & Analyzed: 05/07/2020			
Cyanide, total		10.2	0.589	mg/kg dry	11.8	ND	86.3	79.6-107				
Reference (BE00290-SRM1)	Reference								Prepared & Analyzed: 05/07/2020			
Cyanide, total		91.8		ug/mL	96.2		95.4	42.41-156.96				
Batch BE00309 - EPA SW846-3060												
Blank (BE00309-BLK1)	Blank								Prepared & Analyzed: 05/08/2020			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BE00309-DUP1)	Duplicate	*Source sample: 20E0134-02 (SB10_6-8)							Prepared & Analyzed: 05/08/2020			
Chromium, Hexavalent		ND	0.589	mg/kg dry		ND					35	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00309 - EPA SW846-3060											
Matrix Spike (BE00309-MS1) Matrix Spike *Source sample: 20E0134-02 (SB10_6-8)										Prepared & Analyzed: 05/08/2020	
Chromium, Hexavalent	ND	0.589	mg/kg dry	23.6	ND		75-125	Low Bias			
Reference (BE00309-SRM1) Reference										Prepared & Analyzed: 05/08/2020	
Chromium, Hexavalent	95.5		mg/L	124		77.0	33.06-167.74				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00254 - % Solids Prep											
Duplicate (BE00254-DUP1) Duplicate	*Source sample: 20E0134-02 (SB10_6-8)							Prepared & Analyzed: 05/07/2020			
% Solids	85.4	0.100	%		84.9				0.587	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0134-01	SB10_0-2	40mL Vial with Stir Bar-Cool 4° C
20E0134-02	SB10_6-8	40mL Vial with Stir Bar-Cool 4° C
20E0134-03	SB10_18-20	40mL Vial with Stir Bar-Cool 4° C
20E0134-04	SB14_0-2	40mL Vial with Stir Bar-Cool 4° C
20E0134-05	SB14_6-8	40mL Vial with Stir Bar-Cool 4° C
20E0134-06	SB14_18-20	40mL Vial with Stir Bar-Cool 4° C
20E0134-07	SODUP03_050620	40mL Vial with Stir Bar-Cool 4° C
20E0134-08	SOFB03_050620	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0134-09	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-CRL	The RL check for this element recovered outside of control limits.
M-ICV1	The recovery for this element in the Initial Calibration Verification (ICV) exceeded 110% of the expected value. Positive detections may be biased high.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QL-04	The recoveries of LCS compounds meet Laboratory Control Limits, however are outside of NJDEP DKQP limits. The data are qualified as such and the data user should take note.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
S-08	The recovery of this surrogate was outside of QC limits.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-SRD1	The serial dilution for this element was outside control limits.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: Lab did not receieve a 250ml HPDE Plastic for sample SOFB03_050620 for PFAS anaylsis

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20E0134

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: Same
Address: 360 W 31st St 8th Floor- 21 Penn Plaza NY NY 10001	Address:	Address: Same
Phone: 212 479 5400	Phone:	Phone: Same
Contact: Kim Senon	Contact: Ding Palazollo	Contact: Same
E-mail: KSENON@langan.com	E-mail: DPalazzollo@langan.com	E-mail: Same

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay St

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

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

Ethan Smith

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

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

Summary Report
QA Report
NY ASP A Package
NY ASP B Package
CT RCP
CT RCP DQA/DUE
NJDEP Reduced Deliverables
NJDKQP
Standard Excel EDD
EQuIS (Standard)
NYSDEC EQuIS
NJDEP SRP HazSite
Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB10_0-2	Soil	5/6/2020 1200	VOCs SVOCs PCBs P&T Herb Metals cyanide	
SB10_6-8		1210	tri/Hex Chromium, PFAS, 1,4 Dioxane	
SB10_18-20		1220		
SB14_0-2		837		
SB14_6-8		845		
SB14_18-20		850		
MS-SB03_050620		1210		
MSD-SB03_050620		1210		
SBDUP03_050620		—		
SBFD03_050620	DW	1250		

Comments: email CC Datamanagement@langan.com

MS/MSD SB03_050620 → SB10_6-8

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ethan Smith / Langan	5/6/20 1305	Tom A / York	5/6/20 1305	Tom A / York	5/6/20
Tom A / York	5-6-20 1522				

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time	Temp. Received at Lab
				Jack	5/6/2020 1741	2.1 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/14/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0198

Report Date: 05/14/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0198

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 07, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20E0198-01	MW16_050720	Water	05/07/2020	05/07/2020
20E0198-02	MW01_050720	Water	05/07/2020	05/07/2020
20E0198-03	MW02_050720	Water	05/07/2020	05/07/2020
20E0198-04	MW10_050720	Water	05/07/2020	05/07/2020
20E0198-05	TB01_050720	Water	05/07/2020	05/07/2020

General Notes for York Project (SDG) No.: 20E0198

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

Approved By: 

Date: 05/14/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 13:04	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*122 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.7 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.56	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/L	5.56	11.1	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 11:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*41.7 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*23.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*105 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.7 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.7 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:07	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM	05/13/2020 07:54	05/13/2020 14:02	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**1.84**	J	ng/L	0.294	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**5.91**		ng/L	0.471	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**2.23**		ng/L	0.635	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.281	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**2.36**		ng/L	0.531	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**3.10**		ng/L	0.292	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.574	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:02	KT
							Certifications:				

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**4.49**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**10.5**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:02	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*59.3 %*		*25-150*
Surrogate: M5PFHxA	*56.2 %*		*25-150*
Surrogate: M4PFHpA	*78.5 %*		*25-150*
Surrogate: M3PFHxS	*64.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*66.1 %*		*25-150*
Surrogate: M6PFDA	*70.9 %*		*25-150*
Surrogate: M7PFUdA	*58.2 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*49.6 %*		*25-150*
Surrogate: M2PFTeDA	*19.7 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*65.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.0 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*53.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*24.1 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*72.6 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*68.7 %*		*25-150*
Surrogate: M2-6:2 FTS	*157 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*124 %*		*25-150*
Surrogate: M9PFNA	*74.7 %*		*25-150*

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:41	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:34	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.177**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**15.9**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2.04**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0180**		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3.15**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**18.4**		mg/L	0.556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 12:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**15.9**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1.99**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0348**		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3.24**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**19.3**		mg/L	0.556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/08/2020 08:38	05/08/2020 13:44	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/12/2020 10:57	05/12/2020 12:22	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/07/2020 19:46	05/07/2020 22:18	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/13/2020 10:17	05/13/2020 10:17	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: MW16_050720 **York Sample ID:** 20E0198-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 9:30 am	05/07/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/09/2020 12:14	05/09/2020 21:23	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	**1,2,3-Trichlorobenzene**	**1.41**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.13**		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:01	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.6 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**4.03**	J	ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.41	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**3.18**	J	ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/L	5.41	10.8	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND	CCV-L	ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	05/11/2020 14:12	05/12/2020 12:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*21.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*96.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.1 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**3.56**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	**Acenaphthylene**	**0.314**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	**Anthracene**	**0.843**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	**Benzo(a)anthracene**	**0.0649**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	**Chrysene**	**0.0757**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**1.20**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**4.46**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**7.65**		ug/L	0.108	2	EPA 8270D SIM	05/11/2020 14:12	05/13/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**4.36**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.519**		ug/L	0.0541	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 13:38	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM	05/13/2020 07:54	05/13/2020 14:20	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**1.87**	J	ng/L	0.294	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**6.85**		ng/L	0.471	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**5.16**		ng/L	0.635	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**0.736**	J	ng/L	0.281	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**67.3**		ng/L	0.531	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**4.75**		ng/L	0.292	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
375-95-1	* **Perfluorononanoic acid (PFNA)**	**1.18**	J	ng/L	0.574	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				
376-06-7	* **Perfluorotetradecanoic acid (PFTA)**	**3.80**		ng/L	0.531	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:27	KT
							Certifications:				

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**6.65**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**10.5**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:27	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*55.8 %*		*25-150*
Surrogate: M5PFHxA	*52.4 %*		*25-150*
Surrogate: M4PFHpA	*71.7 %*		*25-150*
Surrogate: M3PFHxS	*61.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*62.5 %*		*25-150*
Surrogate: M6PFDA	*63.6 %*		*25-150*
Surrogate: M7PFUdA	*50.1 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*34.6 %*		*25-150*
Surrogate: M2PFTeDA	*10.4 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*54.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*49.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*20.3 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*62.6 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*53.9 %*		*25-150*
Surrogate: M2-6:2 FTS	*153 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*107 %*		*25-150*
Surrogate: M9PFNA	*67.2 %*		*25-150*

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.250	1	EPA 8081B	05/11/2020 08:04	05/12/2020 11:58	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	05/11/2020 08:04	05/11/2020 21:47	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.36**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.176**		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**92.3**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**36.1**		mg/L	0.278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**16.6**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**1.51**		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.0117**		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**10.4**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**64.0**		mg/L	0.556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.179**		mg/L	0.0278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**96.8**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**35.4**		mg/L	0.278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**17.8**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.40**		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**10.9**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**69.2**		mg/L	0.556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.00**		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**6.25**		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.00026**		mg/L	0.00020	1	EPA 7473	05/08/2020 08:38	05/08/2020 14:26	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/12/2020 10:57	05/12/2020 12:30	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/07/2020 19:46	05/07/2020 22:18	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/13/2020 10:17	05/13/2020 10:17	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: MW01_050720 **York Sample ID:** 20E0198-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 10:30 am	05/07/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/09/2020 12:14	05/09/2020 21:23	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.56	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/L	5.56	11.1	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.5 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*97.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.8 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.0889**		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0556**		ug/L	0.0556	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:09	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM	05/13/2020 07:54	05/13/2020 14:37	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**1.92**	J	ng/L	0.294	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**3.73**		ng/L	0.471	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**2.79**		ng/L	0.635	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**0.560**	J	ng/L	0.281	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**31.5**		ng/L	0.531	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**9.40**		ng/L	0.292	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
375-95-1	* **Perfluorononanoic acid (PFNA)**	**2.53**		ng/L	0.574	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**1.04**	J	ng/L	0.524	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 19:52	KT
							Certifications:				

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**3.29**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**9.93**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 19:52	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*56.0 %*	*25-150*
Surrogate: M5PFHxA	*53.4 %*	*25-150*
Surrogate: M4PFHpA	*75.3 %*	*25-150*
Surrogate: M3PFHxS	*60.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*61.3 %*	*25-150*
Surrogate: M6PFDA	*64.7 %*	*25-150*
Surrogate: M7PFUdA	*55.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*49.1 %*	*25-150*
Surrogate: M2PFTeDA	*21.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*62.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*56.8 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*51.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*28.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*65.6 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*62.9 %*	*25-150*
Surrogate: M2-6:2 FTS	*102 %*	*25-150*
Surrogate: M2-8:2 FTS	*92.1 %*	*25-150*
Surrogate: M9PFNA	*67.8 %*	*25-150*

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00235	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0118	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0118	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00471	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.118	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.235	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:15	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.1 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0588	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:01	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3.44**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.217**		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**87.6**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0134**		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.00622**		mg/L	0.00444	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0413**		mg/L	0.0222	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16.7**		mg/L	0.278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0539**		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**13.5**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.738**		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0387**		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**9.26**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**23.0**		mg/L	0.556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0682**		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.175**		mg/L	0.0278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**86.8**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10.1**		mg/L	0.278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**11.9**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.692**		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**8.75**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**23.3**		mg/L	0.556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.89**		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**9.99**		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.30**		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:27	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.45**		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:27	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:27	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:27	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:27	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:27	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/08/2020 08:38	05/08/2020 14:05	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/12/2020 10:57	05/12/2020 12:40	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/07/2020 19:46	05/07/2020 22:18	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**0.0134**		mg/L	0.0100	1	Calculation	05/13/2020 10:17	05/13/2020 10:17	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: MW02_050720 **York Sample ID:** 20E0198-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 1:45 pm	05/07/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/09/2020 12:14	05/09/2020 21:23	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 14:58	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.13	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/L	5.13	10.3	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND	CCV-L	ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/11/2020 14:12	05/12/2020 13:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.5 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*21.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*100 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.8 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.0 %*	*30.7-106*

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

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/11/2020 14:12	05/12/2020 14:41	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM	05/13/2020 07:54	05/13/2020 14:55	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**1.09**	J	ng/L	0.294	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**4.61**		ng/L	0.471	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**2.31**		ng/L	0.635	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.496**	J	ng/L	0.281	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**9.22**		ng/L	0.531	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**6.20**		ng/L	0.292	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.788**	J	ng/L	0.574	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**0.674**	J	ng/L	0.524	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m	05/11/2020 16:53	05/12/2020 20:17	KT
							Certifications:				

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**4.80**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**13.6**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/11/2020 16:53	05/12/2020 20:17	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*55.6 %*	*25-150*
Surrogate: M5PFHxA	*51.7 %*	*25-150*
Surrogate: M4PFHpA	*72.1 %*	*25-150*
Surrogate: M3PFHxS	*59.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*61.4 %*	*25-150*
Surrogate: M6PFDA	*66.1 %*	*25-150*
Surrogate: M7PFUdA	*62.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*54.4 %*	*25-150*
Surrogate: M2PFTeDA	*28.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*65.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*60.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*50.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*39.8 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*73.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*70.7 %*	*25-150*
Surrogate: M2-6:2 FTS	*127 %*	*25-150*
Surrogate: M2-8:2 FTS	*115 %*	*25-150*
Surrogate: M9PFNA	*68.7 %*	*25-150*

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00296	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0148	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0148	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0148	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00593	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.148	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.296	1	EPA 8081B	05/11/2020 08:04	05/12/2020 12:31	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0741	1	EPA 8082A	05/11/2020 08:04	05/11/2020 22:14	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3.99**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0840**		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**15.5**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.0109**		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.00509**		mg/L	0.00444	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0270**		mg/L	0.0222	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**6.89**		mg/L	0.278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0129**		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4.20**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.334**		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.0332**		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**5.94**		mg/L	0.0556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**24.1**		mg/L	0.556	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**0.0119**		mg/L	0.0111	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 11:43	05/12/2020 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0565**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0451**		mg/L	0.0278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**15.3**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.498**		mg/L	0.278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2.83**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.293**		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.81**		mg/L	0.0556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**24.2**		mg/L	0.556	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/11/2020 13:25	05/13/2020 15:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.02**		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 11:45	05/12/2020 13:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.15**		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**4.09**		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/11/2020 13:26	05/12/2020 15:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/08/2020 08:38	05/08/2020 14:16	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/12/2020 10:57	05/12/2020 12:51	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/07/2020 19:46	05/07/2020 22:18	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**0.0109**		mg/L	0.0100	1	Calculation	05/13/2020 10:17	05/13/2020 10:17	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: MW10_050720 **York Sample ID:** 20E0198-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 3:40 pm	05/07/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.0240**		mg/L	0.0100	1	SM 4500 CN C/E	05/09/2020 12:14	05/09/2020 21:23	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: TB01_050720 **York Sample ID:** 20E0198-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 12:00 am	05/07/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_050720 **York Sample ID:** 20E0198-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 12:00 am	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_050720 **York Sample ID:** 20E0198-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 12:00 am	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_050720 **York Sample ID:** 20E0198-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0198	170610601	Water	May 7, 2020 12:00 am	05/07/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/08/2020 08:00	05/08/2020 15:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*121 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.6 %*	*79-122*

Analytical Batch Summary

Batch ID: BE00292 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/07/20
20E0198-02	MW01_050720	05/07/20
20E0198-03	MW02_050720	05/07/20
20E0198-04	MW10_050720	05/07/20
BE00292-BLK1	Blank	05/07/20
BE00292-BS1	LCS	05/07/20
BE00292-DUP1	Duplicate	05/07/20
BE00292-MS1	Matrix Spike	05/07/20

Batch ID: BE00303 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/08/20
20E0198-02	MW01_050720	05/08/20
20E0198-03	MW02_050720	05/08/20
20E0198-04	MW10_050720	05/08/20
BE00303-BLK1	Blank	05/08/20
BE00303-SRM1	Reference	05/08/20

Batch ID: BE00317 **Preparation Method:** EPA 5030B **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/08/20
20E0198-02	MW01_050720	05/08/20
20E0198-03	MW02_050720	05/08/20
20E0198-04	MW10_050720	05/08/20
20E0198-05	TB01_050720	05/08/20
BE00317-BLK1	Blank	05/08/20
BE00317-BS1	LCS	05/08/20
BE00317-BSD1	LCS Dup	05/08/20

Batch ID: BE00354 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/09/20
20E0198-02	MW01_050720	05/09/20
20E0198-03	MW02_050720	05/09/20
20E0198-04	MW10_050720	05/09/20
BE00354-BLK1	Blank	05/09/20
BE00354-BS1	LCS	05/09/20

Batch ID: BE00361 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/11/20
20E0198-01	MW16_050720	05/11/20
20E0198-02	MW01_050720	05/11/20
20E0198-02	MW01_050720	05/11/20
20E0198-03	MW02_050720	05/11/20
20E0198-03	MW02_050720	05/11/20
20E0198-04	MW10_050720	05/11/20
20E0198-04	MW10_050720	05/11/20
BE00361-BLK1	Blank	05/11/20
BE00361-BLK2	Blank	05/11/20
BE00361-BS1	LCS	05/11/20
BE00361-BS2	LCS	05/11/20
BE00361-BSD1	LCS Dup	05/11/20
BE00361-BSD2	LCS Dup	05/11/20

Batch ID: BE00394 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/11/20
20E0198-02	MW01_050720	05/11/20
20E0198-03	MW02_050720	05/11/20
20E0198-04	MW10_050720	05/11/20
BE00394-BLK1	Blank	05/11/20
BE00394-BS1	LCS	05/11/20

Batch ID: BE00395 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/11/20
20E0198-02	MW01_050720	05/11/20
20E0198-03	MW02_050720	05/11/20
20E0198-04	MW10_050720	05/11/20
BE00395-BLK1	Blank	05/11/20
BE00395-BS1	LCS	05/11/20

Batch ID: BE00398 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/11/20
20E0198-02	MW01_050720	05/11/20
20E0198-03	MW02_050720	05/11/20
20E0198-04	MW10_050720	05/11/20
BE00398-BLK1	Blank	05/11/20
BE00398-BS1	LCS	05/11/20
BE00398-DUP1	Duplicate	05/11/20
BE00398-MS1	Matrix Spike	05/11/20
BE00398-PS1	Post Spike	05/11/20

Batch ID: BE00399 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/11/20
20E0198-02	MW01_050720	05/11/20
20E0198-03	MW02_050720	05/11/20
20E0198-04	MW10_050720	05/11/20
BE00399-BLK1	Blank	05/11/20
BE00399-BS1	LCS	05/11/20
BE00399-DUP1	Duplicate	05/11/20
BE00399-MS1	Matrix Spike	05/11/20

Batch ID: BE00408 **Preparation Method:** EPA 3510C **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/11/20
20E0198-02	MW01_050720	05/11/20
20E0198-02RE1	MW01_050720	05/11/20
20E0198-03	MW02_050720	05/11/20
20E0198-04	MW10_050720	05/11/20
BE00408-BLK1	Blank	05/11/20
BE00408-BLK2	Blank	05/11/20
BE00408-BS1	LCS	05/11/20
BE00408-BS2	LCS	05/11/20

Batch ID: BE00419 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** KT

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/11/20
20E0198-02	MW01_050720	05/11/20
20E0198-03	MW02_050720	05/11/20
20E0198-04	MW10_050720	05/11/20
BE00419-BLK1	Blank	05/11/20
BE00419-BS1	LCS	05/11/20
BE00419-BSD1	LCS Dup	05/11/20

Batch ID: BE00451 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/12/20
20E0198-02	MW01_050720	05/12/20
20E0198-03	MW02_050720	05/12/20
20E0198-04	MW10_050720	05/12/20
BE00451-BLK1	Blank	05/12/20
BE00451-SRM1	Reference	05/12/20

Batch ID: BE00488 **Preparation Method:** EPA 3535A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date

20E0198-01	MW16_050720	05/13/20
20E0198-02	MW01_050720	05/13/20
20E0198-03	MW02_050720	05/13/20
20E0198-04	MW10_050720	05/13/20
BE00488-BLK1	Blank	05/13/20
BE00488-BS1	LCS	05/13/20

Batch ID: BE00515 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0198-01	MW16_050720	05/13/20
20E0198-02	MW01_050720	05/13/20
20E0198-03	MW02_050720	05/13/20
20E0198-04	MW10_050720	05/13/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00317 - EPA 5030B											
Blank (BE00317-BLK1) Blank									Prepared & Analyzed: 05/08/2020		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00317 - EPA 5030B											
Blank (BE00317-BLK1) Blank								Prepared & Analyzed: 05/08/2020			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.1*		*"*	*10.0*		*121*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*79-122*				
LCS (BE00317-BS1) LCS								Prepared & Analyzed: 05/08/2020			
1,1,1,2-Tetrachloroethane	9.42		ug/L	10.0		94.2	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136				
1,1,2,2-Tetrachloroethane	7.39		"	10.0		73.9	76-129	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165				
1,1,2-Trichloroethane	7.47		"	10.0		74.7	82-123	Low Bias			
1,1-Dichloroethane	9.09		"	10.0		90.9	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,2,3-Trichlorobenzene	8.82		"	10.0		88.2	76-136				
1,2,3-Trichloropropane	8.59		"	10.0		85.9	77-128				
1,2,4-Trichlorobenzene	8.64		"	10.0		86.4	76-137				
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	82-132				
1,2-Dibromo-3-chloropropane	7.86		"	10.0		78.6	45-147				
1,2-Dibromoethane	7.85		"	10.0		78.5	83-124	Low Bias			
1,2-Dichlorobenzene	8.60		"	10.0		86.0	79-123				
1,2-Dichloroethane	9.87		"	10.0		98.7	73-132				
1,2-Dichloropropane	7.55		"	10.0		75.5	78-126	Low Bias			
1,3,5-Trimethylbenzene	9.54		"	10.0		95.4	80-131				
1,3-Dichlorobenzene	9.03		"	10.0		90.3	86-122				
1,4-Dichlorobenzene	8.84		"	10.0		88.4	85-124				
1,4-Dioxane	60.3		"	210		28.7	10-349				
2-Butanone	6.75		"	10.0		67.5	49-152				
2-Hexanone	6.47		"	10.0		64.7	51-146				
4-Methyl-2-pentanone	6.93		"	10.0		69.3	57-145				
Acetone	5.52		"	10.0		55.2	14-150				
Acrolein	6.09		"	10.0		60.9	10-153				
Acrylonitrile	7.91		"	10.0		79.1	51-150				
Benzene	9.16		"	10.0		91.6	85-126				
Bromochloromethane	9.22		"	10.0		92.2	77-128				
Bromodichloromethane	8.92		"	10.0		89.2	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00317 - EPA 5030B											
LCS (BE00317-BS1) LCS							Prepared & Analyzed: 05/08/2020				
Bromoform	8.64		ug/L	10.0		86.4	78-133				
Bromomethane	8.67		"	10.0		86.7	43-168				
Carbon disulfide	9.60		"	10.0		96.0	68-146				
Carbon tetrachloride	11.8		"	10.0		118	77-141				
Chlorobenzene	8.75		"	10.0		87.5	88-120	Low Bias			
Chloroethane	8.66		"	10.0		86.6	65-136				
Chloroform	9.93		"	10.0		99.3	82-128				
Chloromethane	5.00		"	10.0		50.0	43-155				
cis-1,2-Dichloroethylene	9.55		"	10.0		95.5	83-129				
cis-1,3-Dichloropropylene	8.54		"	10.0		85.4	80-131				
Cyclohexane	9.36		"	10.0		93.6	63-149				
Dibromochloromethane	8.93		"	10.0		89.3	80-130				
Dibromomethane	7.83		"	10.0		78.3	72-134				
Dichlorodifluoromethane	12.5		"	10.0		125	44-144				
Ethyl Benzene	9.24		"	10.0		92.4	80-131				
Hexachlorobutadiene	9.99		"	10.0		99.9	67-146				
Isopropylbenzene	9.10		"	10.0		91.0	76-140				
Methyl acetate	7.55		"	10.0		75.5	51-139				
Methyl tert-butyl ether (MTBE)	8.55		"	10.0		85.5	76-135				
Methylcyclohexane	7.44		"	10.0		74.4	72-143				
Methylene chloride	10.3		"	10.0		103	55-137				
n-Butylbenzene	8.08		"	10.0		80.8	79-132				
n-Propylbenzene	8.91		"	10.0		89.1	78-133				
o-Xylene	9.19		"	10.0		91.9	78-130				
p- & m- Xylenes	19.3		"	20.0		96.7	77-133				
p-Isopropyltoluene	9.58		"	10.0		95.8	81-136				
sec-Butylbenzene	9.16		"	10.0		91.6	79-137				
Styrene	8.84		"	10.0		88.4	67-132				
tert-Butyl alcohol (TBA)	41.9		"	50.0		83.8	25-162				
tert-Butylbenzene	9.24		"	10.0		92.4	77-138				
Tetrachloroethylene	7.41		"	10.0		74.1	82-131	Low Bias			
Toluene	8.84		"	10.0		88.4	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	8.46		"	10.0		84.6	78-131				
Trichloroethylene	9.11		"	10.0		91.1	82-128				
Trichlorofluoromethane	11.2		"	10.0		112	67-139				
Vinyl Chloride	8.91		"	10.0		89.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

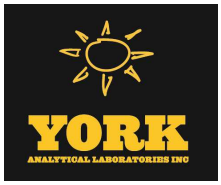
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00317 - EPA 5030B											
LCS Dup (BE00317-BSD1) LCS Dup							Prepared & Analyzed: 05/08/2020				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		8.05	30	
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136		0.509	30	
1,1,2,2-Tetrachloroethane	8.42		"	10.0		84.2	76-129		13.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165		0.698	30	
1,1,2-Trichloroethane	8.71		"	10.0		87.1	82-123		15.3	30	
1,1-Dichloroethane	9.63		"	10.0		96.3	82-129		5.77	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		1.83	30	
1,2,3-Trichlorobenzene	9.71		"	10.0		97.1	76-136		9.61	30	
1,2,3-Trichloropropane	9.65		"	10.0		96.5	77-128		11.6	30	
1,2,4-Trichlorobenzene	9.58		"	10.0		95.8	76-137		10.3	30	
1,2,4-Trimethylbenzene	9.69		"	10.0		96.9	82-132		3.46	30	
1,2-Dibromo-3-chloropropane	9.58		"	10.0		95.8	45-147		19.7	30	
1,2-Dibromoethane	9.22		"	10.0		92.2	83-124		16.1	30	
1,2-Dichlorobenzene	8.98		"	10.0		89.8	79-123		4.32	30	
1,2-Dichloroethane	11.4		"	10.0		114	73-132		14.7	30	
1,2-Dichloropropane	8.29		"	10.0		82.9	78-126		9.34	30	
1,3,5-Trimethylbenzene	9.86		"	10.0		98.6	80-131		3.30	30	
1,3-Dichlorobenzene	9.25		"	10.0		92.5	86-122		2.41	30	
1,4-Dichlorobenzene	9.20		"	10.0		92.0	85-124		3.99	30	
1,4-Dioxane	81.9		"	210		39.0	10-349		30.4	30	Non-dir.
2-Butanone	7.87		"	10.0		78.7	49-152		15.3	30	
2-Hexanone	8.06		"	10.0		80.6	51-146		21.9	30	
4-Methyl-2-pentanone	9.24		"	10.0		92.4	57-145		28.6	30	
Acetone	6.10		"	10.0		61.0	14-150		9.98	30	
Acrolein	7.14		"	10.0		71.4	10-153		15.9	30	
Acrylonitrile	9.71		"	10.0		97.1	51-150		20.4	30	
Benzene	9.51		"	10.0		95.1	85-126		3.75	30	
Bromochloromethane	10.3		"	10.0		103	77-128		10.9	30	
Bromodichloromethane	9.77		"	10.0		97.7	79-128		9.10	30	
Bromoform	10.4		"	10.0		104	78-133		18.5	30	
Bromomethane	8.03		"	10.0		80.3	43-168		7.66	30	
Carbon disulfide	9.41		"	10.0		94.1	68-146		2.00	30	
Carbon tetrachloride	11.7		"	10.0		117	77-141		0.425	30	
Chlorobenzene	9.30		"	10.0		93.0	88-120		6.09	30	
Chloroethane	8.70		"	10.0		87.0	65-136		0.461	30	
Chloroform	10.7		"	10.0		107	82-128		7.46	30	
Chloromethane	9.88		"	10.0		98.8	43-155		65.6	30	Non-dir.
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		5.50	30	
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	80-131		11.5	30	
Cyclohexane	9.41		"	10.0		94.1	63-149		0.533	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		14.1	30	
Dibromomethane	8.98		"	10.0		89.8	72-134		13.7	30	
Dichlorodifluoromethane	12.0		"	10.0		120	44-144		4.40	30	
Ethyl Benzene	9.65		"	10.0		96.5	80-131		4.34	30	
Hexachlorobutadiene	10.6		"	10.0		106	67-146		6.11	30	
Isopropylbenzene	9.15		"	10.0		91.5	76-140		0.548	30	
Methyl acetate	9.22		"	10.0		92.2	51-139		19.9	30	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135		20.6	30	
Methylcyclohexane	7.99		"	10.0		79.9	72-143		7.13	30	
Methylene chloride	11.2		"	10.0		112	55-137		8.10	30	
n-Butylbenzene	9.57		"	10.0		95.7	79-132		16.9	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00317 - EPA 5030B											
LCS Dup (BE00317-BSD1) LCS Dup								Prepared & Analyzed: 05/08/2020			
n-Propylbenzene	9.00		ug/L	10.0		90.0	78-133		1.01	30	
o-Xylene	9.78		"	10.0		97.8	78-130		6.22	30	
p- & m- Xylenes	20.6		"	20.0		103	77-133		6.07	30	
p-Isopropyltoluene	10.0		"	10.0		100	81-136		4.39	30	
sec-Butylbenzene	9.67		"	10.0		96.7	79-137		5.42	30	
Styrene	9.53		"	10.0		95.3	67-132		7.51	30	
tert-Butyl alcohol (TBA)	59.4		"	50.0		119	25-162		34.5	30	Non-dir.
tert-Butylbenzene	9.48		"	10.0		94.8	77-138		2.56	30	
Tetrachloroethylene	7.62		"	10.0		76.2	82-131	Low Bias	2.79	30	
Toluene	9.11		"	10.0		91.1	80-127		3.01	30	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132		1.97	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131		17.8	30	
Trichloroethylene	9.15		"	10.0		91.5	82-128		0.438	30	
Trichlorofluoromethane	10.9		"	10.0		109	67-139		2.62	30	
Vinyl Chloride	8.50		"	10.0		85.0	58-145		4.71	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.1*		*"*	*10.0*		*121*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.45*		*"*	*10.0*		*94.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE00408 - EPA 3510C

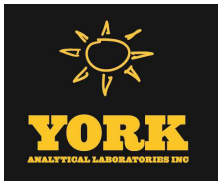
Blank (BE00408-BLK1) Blank — Prepared: 05/11/2020 Analyzed: 05/12/2020

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00408 - EPA 3510C											
Blank (BE00408-BLK1) Blank										Prepared: 05/11/2020 Analyzed: 05/12/2020	
Surrogate: SURR: 2-Fluorophenol	*16.5*		*ug/L*	*50.0*		*33.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.00*		*"*	*50.0*		*18.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.0*		*"*	*25.0*		*84.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.8*		*"*	*25.0*		*67.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*39.1*		*"*	*50.0*		*78.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.7*		*"*	*25.0*		*86.8*	*30.7-106*				
Blank (BE00408-BLK2) Blank										Prepared: 05/11/2020 Analyzed: 05/12/2020	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00408 - EPA 3510C											
LCS (BE00408-BS1) LCS								Prepared: 05/11/2020 Analyzed: 05/12/2020			
1,1-Biphenyl	23.4	5.00	ug/L	25.0		93.7	33-95				
1,2,4,5-Tetrachlorobenzene	25.3	5.00	"	25.1		101	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	21.6	5.00	"	25.0		86.5	16-141				
2,3,4,6-Tetrachlorophenol	35.2	5.00	"	25.0		141	30-130	High Bias			
2,4,5-Trichlorophenol	21.5	5.00	"	25.0		86.0	32-114				
2,4,6-Trichlorophenol	23.8	5.00	"	25.0		95.2	35-118				
2,4-Dichlorophenol	24.5	5.00	"	25.0		98.1	25-116				
2,4-Dimethylphenol	22.6	5.00	"	25.0		90.5	15-116				
2,4-Dinitrophenol	21.6	5.00	"	25.0		86.4	10-170				
2,4-Dinitrotoluene	26.4	5.00	"	25.0		105	41-128				
2,6-Dinitrotoluene	28.0	5.00	"	25.0		112	45-116				
2-Chloronaphthalene	21.2	5.00	"	25.0		84.6	33-112				
2-Chlorophenol	20.0	5.00	"	25.0		79.8	15-120				
2-Methylnaphthalene	25.7	5.00	"	25.0		103	24-118				
2-Methylphenol	14.5	5.00	"	25.0		58.1	10-110				
2-Nitroaniline	28.0	5.00	"	25.0		112	34-129				
2-Nitrophenol	29.7	5.00	"	25.0		119	28-118	High Bias			
3- & 4-Methylphenols	12.0	5.00	"	25.0		48.1	10-107				
3,3-Dichlorobenzidine	23.1	5.00	"	25.0		92.3	15-187				
3-Nitroaniline	23.3	5.00	"	25.0		93.1	24-134				
4,6-Dinitro-2-methylphenol	26.1	5.00	"	25.0		104	10-153				
4-Bromophenyl phenyl ether	21.2	5.00	"	25.0		84.8	34-120				
4-Chloro-3-methylphenol	26.0	5.00	"	25.0		104	20-120				
4-Chloroaniline	16.5	5.00	"	25.0		66.1	10-147				
4-Chlorophenyl phenyl ether	22.3	5.00	"	25.0		89.1	27-121				
4-Nitroaniline	23.9	5.00	"	25.0		95.5	13-134				
4-Nitrophenol	14.1	5.00	"	25.0		56.3	10-131				
Acetophenone	23.9	5.00	"	25.0		95.5	25-110				
Aniline	13.9	5.00	"	25.0		55.8	10-117				
Benzaldehyde	22.9	5.00	"	25.0		91.5	29-117				
Benzoic acid	9.48	5.00	"	25.0		37.9	30-130				
Benzyl alcohol	15.5	5.00	"	25.0		61.9	10-117				
Benzyl butyl phthalate	27.6	5.00	"	25.0		110	29-133				
Bis(2-chloroethoxy)methane	21.4	5.00	"	25.0		85.6	10-154				
Bis(2-chloroethyl)ether	20.0	5.00	"	25.0		80.0	17-125				
Bis(2-chloroisopropyl)ether	22.3	5.00	"	25.0		89.1	10-139				
Caprolactam	5.56	5.00	"	25.0		22.2	10-137				
Carbazole	22.9	5.00	"	25.0		91.5	42-126				
Dibenzofuran	22.7	5.00	"	25.0		90.8	36-113				
Diethyl phthalate	24.2	5.00	"	25.0		96.8	38-115				
Dimethyl phthalate	23.5	5.00	"	25.0		94.0	38-129				
Di-n-butyl phthalate	23.8	5.00	"	25.0		95.4	31-120				
Di-n-octyl phthalate	30.7	5.00	"	25.0		123	21-149				
Diphenylamine	23.8	5.00	"	25.0		95.0	40-140				
Hexachlorocyclopentadiene	14.6	10.0	"	25.0		58.4	10-130				
Isophorone	24.5	5.00	"	25.0		97.9	25-127				
N-nitroso-di-n-propylamine	22.0	5.00	"	25.0		87.8	26-122				
N-Nitrosodiphenylamine	23.8	5.00	"	25.0		95.0	23-149				
Phenol	8.35	5.00	"	25.0		33.4	10-110				
Pyridine	7.78	5.00	"	27.5		28.3	10-90				
Surrogate: SURR: 2-Fluorophenol	*23.9*		*"*	*50.0*		*47.9*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

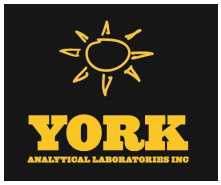
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00408 - EPA 3510C											
LCS (BE00408-BS1) LCS								Prepared: 05/11/2020 Analyzed: 05/12/2020			
Surrogate: SURR: Phenol-d5	*13.2*		*ug/L*	*50.0*		*26.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*29.3*		*"*	*25.0*		*117*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*22.8*		*"*	*25.0*		*91.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*49.8*		*"*	*50.0*		*99.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*27.3*		*"*	*25.0*		*109*	*30.7-106*				
LCS (BE00408-BS2) LCS								Prepared: 05/11/2020 Analyzed: 05/12/2020			
Acenaphthene	0.620	0.0500	ug/L	1.00		62.0	25-116				
Acenaphthylene	0.630	0.0500	"	1.00		63.0	26-116				
Anthracene	0.630	0.0500	"	1.00		63.0	25-123				
Benzo(a)anthracene	0.620	0.0500	"	1.00		62.0	33-125				
Benzo(a)pyrene	0.670	0.0500	"	1.00		67.0	32-132				
Benzo(b)fluoranthene	0.750	0.0500	"	1.00		75.0	22-137				
Benzo(g,h,i)perylene	0.840	0.0500	"	1.00		84.0	10-138				
Benzo(k)fluoranthene	0.700	0.0500	"	1.00		70.0	20-137				
Bis(2-ethylhexyl)phthalate	0.990	0.500	"	1.00		99.0	10-189				
Chrysene	0.600	0.0500	"	1.00		60.0	32-124				
Dibenzo(a,h)anthracene	0.880	0.0500	"	1.00		88.0	16-133				
Fluoranthene	0.690	0.0500	"	1.00		69.0	32-121				
Fluorene	0.700	0.0500	"	1.00		70.0	28-118				
Hexachlorobenzene	0.470	0.0200	"	1.00		47.0	23-124				
Hexachlorobutadiene	0.620	0.500	"	1.00		62.0	15-123				
Hexachloroethane	0.610	0.500	"	1.00		61.0	18-115				
Indeno(1,2,3-cd)pyrene	0.820	0.0500	"	1.00		82.0	15-135				
Naphthalene	0.630	0.0500	"	1.00		63.0	18-120				
Nitrobenzene	1.05	0.250	"	1.00		105	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.690	0.250	"	1.00		69.0	10-156				
Phenanthrene	0.660	0.0500	"	1.00		66.0	24-127				
Pyrene	0.690	0.0500	"	1.00		69.0	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

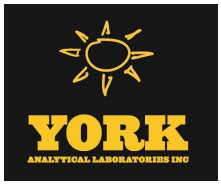
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00488 - EPA 3535A											
Blank (BE00488-BLK1) Blank								Prepared & Analyzed: 05/13/2020			
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.40*		*"*	*5.00*		*88.0*	*36.6-118*				
LCS (BE00488-BS1) LCS								Prepared & Analyzed: 05/13/2020			
1,4-Dioxane	5.00	0.200	ug/L	5.00		100	50-130				
Surrogate: 1,4-Dioxane-d8	*4.20*		*"*	*5.00*		*84.0*	*36.6-118*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00419 - SPE Ext-PFAS-EPA 537.1M											
Blank (BE00419-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	0.665	2.00	"								
Perfluoroheptanoic acid (PFHpA)	0.661	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	0.565	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	0.767	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	2.19	2.00	"								
Surrogate: M3PFBS	*45.0*		"	*74.3*		*60.6*	*25-150*				
Surrogate: M5PFHxA	*49.0*		"	*80.0*		*61.3*	*25-150*				
Surrogate: M4PFHpA	*67.3*		"	*80.0*		*84.1*	*25-150*				
Surrogate: M3PFHxS	*49.4*		"	*75.7*		*65.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*48.6*		"	*80.0*		*60.7*	*25-150*				
Surrogate: M6PFDA	*52.8*		"	*80.0*		*66.0*	*25-150*				
Surrogate: M7PFUdA	*45.2*		"	*80.0*		*56.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*32.0*		"	*80.0*		*40.0*	*25-150*				
Surrogate: M2PFTeDA	*27.5*		"	*80.0*		*34.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*64.5*		"	*80.0*		*80.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*48.1*		"	*76.6*		*62.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*46.2*		"	*80.0*		*57.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*50.6*		"	*80.0*		*63.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*51.4*		"	*80.0*		*64.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*52.0*		"	*80.0*		*65.0*	*25-150*				
Surrogate: M2-6:2 FTS	*73.3*		"	*75.9*		*96.5*	*25-150*				
Surrogate: M2-8:2 FTS	*78.3*		"	*76.6*		*102*	*25-150*				
Surrogate: M9PFNA	*55.5*		"	*80.0*		*69.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00419 - SPE Ext-PFAS-EPA 537.1M											
LCS (BE00419-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Perfluorobutanesulfonic acid (PFBS)	72.2	2.00	ng/L	70.8		102	50-130				
Perfluorohexanoic acid (PFHxA)	74.4	2.00	"	80.0		93.0	50-130				
Perfluoroheptanoic acid (PFHpA)	55.7	2.00	"	80.0		69.7	50-130				
Perfluorohexanesulfonic acid (PFHxS)	56.6	2.00	"	59.2		95.5	50-130				
Perfluorooctanoic acid (PFOA)	81.2	2.00	"	80.0		102	50-130				
Perfluorooctanesulfonic acid (PFOS)	57.2	2.00	"	58.4		97.9	50-130				
Perfluorononanoic acid (PFNA)	69.7	2.00	"	76.8		90.7	50-130				
Perfluorodecanoic acid (PFDA)	72.9	2.00	"	80.0		91.1	50-130				
Perfluoroundecanoic acid (PFUnA)	76.9	2.00	"	80.0		96.1	50-130				
Perfluorododecanoic acid (PFDoA)	74.5	2.00	"	80.0		93.1	50-130				
Perfluorotridecanoic acid (PFTrDA)	71.1	2.00	"	80.0		88.9	50-130				
Perfluorotetradecanoic acid (PFTA)	76.7	2.00	"	80.0		95.8	50-130				
N-MeFOSAA	72.1	2.00	"	80.0		90.2	50-130				
N-EtFOSAA	74.7	2.00	"	80.0		93.4	50-130				
Perfluoropentanoic acid (PFPeA)	73.0	2.00	"	80.0		91.3	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	79.9	2.00	"	80.0		99.9	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	81.1	2.00	"	79.6		102	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	70.2	2.00	"	77.2		91.0	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	64.9	5.00	"	76.0		85.4	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	89.2	2.00	"	76.8		116	50-130				
Perfluoro-n-butanoic acid (PFBA)	79.5	2.00	"	80.0		99.4	50-130				
Surrogate: M3PFBS	*48.7*		"	*74.3*		*65.5*	*25-150*				
Surrogate: M5PFHxA	*50.4*		"	*80.0*		*63.0*	*25-150*				
Surrogate: M4PFHpA	*72.7*		"	*80.0*		*90.9*	*25-150*				
Surrogate: M3PFHxS	*53.7*		"	*75.7*		*71.0*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*52.8*		"	*80.0*		*66.0*	*25-150*				
Surrogate: M6PFDA	*60.9*		"	*80.0*		*76.2*	*25-150*				
Surrogate: M7PFUdA	*56.6*		"	*80.0*		*70.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*55.6*		"	*80.0*		*69.5*	*25-150*				
Surrogate: M2PFTeDA	*44.3*		"	*80.0*		*55.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*56.7*		"	*80.0*		*70.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.6*		"	*76.6*		*70.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*49.8*		"	*80.0*		*62.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*59.8*		"	*80.0*		*74.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*65.2*		"	*80.0*		*81.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.3*		"	*80.0*		*77.8*	*25-150*				
Surrogate: M2-6:2 FTS	*63.4*		"	*75.9*		*83.5*	*25-150*				
Surrogate: M2-8:2 FTS	*65.3*		"	*76.6*		*85.2*	*25-150*				
Surrogate: M9PFNA	*57.6*		"	*80.0*		*72.0*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00419 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BE00419-BSD1) LCS Dup									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Perfluorobutanesulfonic acid (PFBS)	71.3	2.00	ng/L	70.8		101	50-130		1.27	30	
Perfluorohexanoic acid (PFHxA)	74.9	2.00	"	80.0		93.6	50-130		0.639	30	
Perfluoroheptanoic acid (PFHpA)	55.8	2.00	"	80.0		69.8	50-130		0.172	30	
Perfluorohexanesulfonic acid (PFHxS)	55.1	2.00	"	59.2		93.1	50-130		2.60	30	
Perfluorooctanoic acid (PFOA)	78.2	2.00	"	80.0		97.7	50-130		3.85	30	
Perfluorooctanesulfonic acid (PFOS)	54.2	2.00	"	58.4		92.7	50-130		5.44	30	
Perfluorononanoic acid (PFNA)	68.3	2.00	"	76.8		88.9	50-130		2.02	30	
Perfluorodecanoic acid (PFDA)	76.2	2.00	"	80.0		95.3	50-130		4.46	30	
Perfluoroundecanoic acid (PFUnA)	73.3	2.00	"	80.0		91.7	50-130		4.71	30	
Perfluorododecanoic acid (PFDoA)	73.2	2.00	"	80.0		91.5	50-130		1.76	30	
Perfluorotridecanoic acid (PFTrDA)	61.3	2.00	"	80.0		76.6	50-130		14.8	30	
Perfluorotetradecanoic acid (PFTA)	74.2	2.00	"	80.0		92.7	50-130		3.30	30	
N-MeFOSAA	74.9	2.00	"	80.0		93.7	50-130		3.80	30	
N-EtFOSAA	72.5	2.00	"	80.0		90.6	50-130		2.98	30	
Perfluoropentanoic acid (PFPeA)	74.6	2.00	"	80.0		93.2	50-130		2.08	30	
Perfluoro-1-octanesulfonamide (FOSA)	74.2	2.00	"	80.0		92.8	50-130		7.36	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	79.5	2.00	"	79.6		99.8	50-130		2.09	30	
Perfluoro-1-decanesulfonic acid (PFDS)	67.1	2.00	"	77.2		87.0	50-130		4.50	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	71.6	5.00	"	76.0		94.2	50-130		9.82	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	88.0	2.00	"	76.8		115	50-130		1.34	30	
Perfluoro-n-butanoic acid (PFBA)	77.7	2.00	"	80.0		97.1	50-130		2.26	30	
Surrogate: M3PFBS	*46.0*		*"*	*74.3*		*62.0*	*25-150*				
Surrogate: M5PFHxA	*46.2*		*"*	*80.0*		*57.8*	*25-150*				
Surrogate: M4PFHpA	*66.1*		*"*	*80.0*		*82.6*	*25-150*				
Surrogate: M3PFHxS	*50.4*		*"*	*75.7*		*66.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*49.0*		*"*	*80.0*		*61.2*	*25-150*				
Surrogate: M6PFDA	*56.8*		*"*	*80.0*		*71.0*	*25-150*				
Surrogate: M7PFUdA	*53.9*		*"*	*80.0*		*67.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*51.6*		*"*	*80.0*		*64.5*	*25-150*				
Surrogate: M2PFTeDA	*35.9*		*"*	*80.0*		*44.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*65.6*		*"*	*80.0*		*82.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*50.1*		*"*	*76.6*		*65.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*46.0*		*"*	*80.0*		*57.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*55.7*		*"*	*80.0*		*69.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*60.2*		*"*	*80.0*		*75.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.0*		*"*	*80.0*		*75.0*	*25-150*				
Surrogate: M2-6:2 FTS	*54.3*		*"*	*75.9*		*71.5*	*25-150*				
Surrogate: M2-8:2 FTS	*62.9*		*"*	*76.6*		*82.0*	*25-150*				
Surrogate: M9PFNA	*53.1*		*"*	*80.0*		*66.3*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00361 - EPA SW846-3510C Low Level											
Blank (BE00361-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Tetrachloro-m-xylene	*0.169*		*"*	*0.200*		*84.5*	*30-150*				
LCS (BE00361-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
4,4'-DDD	0.0880	0.00400	ug/L	0.100		88.0	40-140				
4,4'-DDE	0.0882	0.00400	"	0.100		88.2	40-140				
4,4'-DDT	0.0947	0.00400	"	0.100		94.7	40-140				
Aldrin	0.0689	0.00400	"	0.100		68.9	40-140				
alpha-BHC	0.0690	0.00400	"	0.100		69.0	40-140				
alpha-Chlordane	0.0744	0.00400	"	0.100		74.4	40-140				
beta-BHC	0.0752	0.00400	"	0.100		75.2	40-140				
delta-BHC	0.0839	0.00400	"	0.100		83.9	40-140				
Dieldrin	0.0828	0.00200	"	0.100		82.8	40-140				
Endosulfan I	0.0786	0.00400	"	0.100		78.6	40-140				
Endosulfan II	0.0893	0.00400	"	0.100		89.3	40-140				
Endosulfan sulfate	0.0996	0.00400	"	0.100		99.6	40-140				
Endrin	0.0852	0.00400	"	0.100		85.2	40-140				
Endrin aldehyde	0.0869	0.0100	"	0.100		86.9	40-140				
Endrin ketone	0.0888	0.0100	"	0.100		88.8	40-140				
gamma-BHC (Lindane)	0.0730	0.00400	"	0.100		73.0	40-140				
gamma-Chlordane	0.0764	0.0100	"	0.100		76.4	40-140				
Heptachlor	0.0780	0.00400	"	0.100		78.0	40-140				
Heptachlor epoxide	0.0769	0.00400	"	0.100		76.9	40-140				
Methoxychlor	0.0902	0.00400	"	0.100		90.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*76.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00361 - EPA SW846-3510C Low Level											
LCS Dup (BE00361-BSD1) LCS Dup								Prepared: 05/11/2020 Analyzed: 05/12/2020			
4,4'-DDD	0.0883	0.00400	ug/L	0.100		88.3	40-140		0.242	20	
4,4'-DDE	0.0914	0.00400	"	0.100		91.4	40-140		3.56	20	
4,4'-DDT	0.0935	0.00400	"	0.100		93.5	40-140		1.27	20	
Aldrin	0.0801	0.00400	"	0.100		80.1	40-140		15.1	20	
alpha-BHC	0.0730	0.00400	"	0.100		73.0	40-140		5.75	20	
alpha-Chlordane	0.0789	0.00400	"	0.100		78.9	40-140		5.95	20	
beta-BHC	0.0767	0.00400	"	0.100		76.7	40-140		1.99	20	
delta-BHC	0.0858	0.00400	"	0.100		85.8	40-140		2.25	20	
Dieldrin	0.0848	0.00200	"	0.100		84.8	40-140		2.36	20	
Endosulfan I	0.0822	0.00400	"	0.100		82.2	40-140		4.43	20	
Endosulfan II	0.0896	0.00400	"	0.100		89.6	40-140		0.312	20	
Endosulfan sulfate	0.0974	0.00400	"	0.100		97.4	40-140		2.20	20	
Endrin	0.0855	0.00400	"	0.100		85.5	40-140		0.312	20	
Endrin aldehyde	0.0884	0.0100	"	0.100		88.4	40-140		1.71	20	
Endrin ketone	0.0889	0.0100	"	0.100		88.9	40-140		0.153	20	
gamma-BHC (Lindane)	0.0769	0.00400	"	0.100		76.9	40-140		5.12	20	
gamma-Chlordane	0.0748	0.0100	"	0.100		74.8	40-140		2.22	20	
Heptachlor	0.0872	0.00400	"	0.100		87.2	40-140		11.1	20	
Heptachlor epoxide	0.0806	0.00400	"	0.100		80.6	40-140		4.76	20	
Methoxychlor	0.0909	0.00400	"	0.100		90.9	40-140		0.763	20	
Surrogate: Tetrachloro-m-xylene	*0.162*		*"*	*0.200*		*80.8*	*30-150*				
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-P Performance Mix								Prepared & Analyzed: 03/08/2020			
4,4'-DDD	4.80		ng/mL	0.00			0-200				
4,4'-DDE	0.964		"	0.00			0-200				
4,4'-DDT	206		"	200		103	0-200				
Endrin	98.0		"	100		98.0	0-200				
Endrin aldehyde	0.511		"	0.00			0-200				
Endrin ketone	3.00		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0E1314 - BE00278											
Performance Mix (Y0E1314-P Performance Mix										Prepared & Analyzed: 05/12/2020	
4,4'-DDD	11.8		ng/mL	0.00			0-200				
4,4'-DDE	1.36		"	0.00			0-200				
4,4'-DDT	195		"	200		97.4	0-200				
Endrin	103		"	100		103	0-200				
Endrin aldehyde	0.837		"	0.00			0-200				
Endrin ketone	4.43		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00361 - EPA SW846-3510C Low Level											
Blank (BE00361-BLK2) Blank								Prepared & Analyzed: 05/11/2020			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1262	ND	0.0500	"								
Aroclor 1268	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.148*		*"*	*0.200*		*74.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.176*		*"*	*0.200*		*88.0*	*30-120*				
LCS (BE00361-BS2) LCS								Prepared & Analyzed: 05/11/2020			
Aroclor 1016	1.11	0.0500	ug/L	1.00		111	40-120				
Aroclor 1260	1.23	0.0500	"	1.00		123	40-120	High Bias			
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.200*		*75.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.166*		*"*	*0.200*		*83.0*	*30-120*				
LCS Dup (BE00361-BSD2) LCS Dup								Prepared & Analyzed: 05/11/2020			
Aroclor 1016	1.11	0.0500	ug/L	1.00		111	40-120		0.234	30	
Aroclor 1260	1.33	0.0500	"	1.00		133	40-120	High Bias	7.97	30	
Surrogate: Tetrachloro-m-xylene	*0.161*		*"*	*0.200*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.170*		*"*	*0.200*		*85.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00394 - EPA 3015A											
Blank (BE00394-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE00394-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Aluminum	1.94		ug/mL	2.00		97.2	80-120				
Barium	1.95		"	2.00		97.6	80-120				
Calcium	0.951		"	1.00		95.1	80-120				
Chromium	0.201		"	0.200		101	80-120				
Cobalt	0.496		"	0.500		99.3	80-120				
Copper	0.249		"	0.250		99.7	80-120				
Iron	0.946		"	1.00		94.6	80-120				
Lead	0.466		"	0.500		93.2	80-120				
Magnesium	0.951		"	1.00		95.1	80-120				
Manganese	0.487		"	0.500		97.4	80-120				
Nickel	0.482		"	0.500		96.5	80-120				
Potassium	0.900		"	1.00		90.0	80-120				
Silver	0.0553		"	0.0500		111	80-120				
Sodium	0.930		"	1.00		93.0	80-120				
Vanadium	0.476		"	0.500		95.2	80-120				
Zinc	0.465		"	0.500		93.0	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00398 - EPA 3015A											
Blank (BE00398-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/13/2020		
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BE00398-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/13/2020		
Aluminum - Dissolved	1.92		ug/mL	2.00		95.9	80-120				
Barium - Dissolved	1.91		"	2.00		95.6	80-120				
Calcium - Dissolved	0.951		"	1.00		95.1	80-120				
Chromium - Dissolved	0.198		"	0.200		98.9	80-120				
Cobalt - Dissolved	0.489		"	0.500		97.9	80-120				
Copper - Dissolved	0.242		"	0.250		96.9	80-120				
Iron - Dissolved	0.956		"	1.00		95.6	80-120				
Lead - Dissolved	0.460		"	0.500		92.1	80-120				
Magnesium - Dissolved	0.957		"	1.00		95.7	80-120				
Manganese - Dissolved	0.477		"	0.500		95.4	80-120				
Nickel - Dissolved	0.477		"	0.500		95.3	80-120				
Potassium - Dissolved	0.809		"	1.00		80.9	80-120				
Silver - Dissolved	0.0506		"	0.0500		101	80-120				
Sodium - Dissolved	0.942		"	1.00		94.2	80-120				
Vanadium - Dissolved	0.463		"	0.500		92.5	80-120				
Zinc - Dissolved	0.467		"	0.500		93.3	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00398 - EPA 3015A											
Duplicate (BE00398-DUP1) Duplicate	*Source sample: 20E0198-04 (MW10_050720)								Prepared: 05/11/2020 Analyzed: 05/13/2020		
Aluminum - Dissolved	ND	0.0556	mg/L		0.0565					20	
Barium - Dissolved	0.0448	0.0278	"		0.0451				0.722	20	
Calcium - Dissolved	15.1	0.0556	"		15.3				1.57	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	0.483	0.278	"		0.498				3.03	20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	2.78	0.0556	"		2.83				2.00	20	
Manganese - Dissolved	0.291	0.00556	"		0.293				0.668	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	4.78	0.0556	"		4.81				0.484	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	24.3	0.556	"		24.2				0.619	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	
Matrix Spike (BE00398-MS1) Matrix Spike	*Source sample: 20E0198-04 (MW10_050720)								Prepared: 05/11/2020 Analyzed: 05/13/2020		
Barium - Dissolved	2.17	0.0278	mg/L	2.22	0.0451	95.6	75-125				
Chromium - Dissolved	0.219	0.00556	"	0.222	ND	98.5	75-125				
Cobalt - Dissolved	0.537	0.00444	"	0.556	ND	96.7	75-125				
Copper - Dissolved	0.284	0.0222	"	0.278	ND	102	75-125				
Iron - Dissolved	1.66	0.278	"	1.11	0.498	104	75-125				
Lead - Dissolved	0.498	0.00556	"	0.556	ND	89.6	75-125				
Manganese - Dissolved	0.825	0.00556	"	0.556	0.293	95.7	75-125				
Nickel - Dissolved	0.532	0.0111	"	0.556	ND	95.7	75-125				
Silver - Dissolved	0.0548	0.00556	"	0.0556	ND	98.6	75-125				
Vanadium - Dissolved	0.527	0.0111	"	0.556	ND	94.9	75-125				
Zinc - Dissolved	0.528	0.0278	"	0.556	ND	95.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00398 - EPA 3015A											
Post Spike (BE00398-PS1) Post Spike	*Source sample: 20E0198-04 (MW10_050720)							Prepared: 05/11/2020 Analyzed: 05/13/2020			
Aluminum - Dissolved	2.06		ug/mL	2.00	0.0508	101	75-125				
Barium - Dissolved	2.05		"	2.00	0.0406	100	75-125				
Calcium - Dissolved	14.3		"	1.00	13.8	54.3	75-125	Low Bias			
Chromium - Dissolved	0.201		"	0.200	0.00121	99.8	75-125				
Cobalt - Dissolved	0.518		"	0.500	0.000250	103	75-125				
Copper - Dissolved	0.265		"	0.250	0.00332	105	75-125				
Iron - Dissolved	1.44		"	1.00	0.448	98.9	75-125				
Lead - Dissolved	0.476		"	0.500	-0.00220	95.3	75-125				
Magnesium - Dissolved	3.38		"	1.00	2.55	83.2	75-125				
Manganese - Dissolved	0.764		"	0.500	0.264	100	75-125				
Nickel - Dissolved	0.514		"	0.500	-0.00690	103	75-125				
Potassium - Dissolved	5.19		"	1.00	4.33	85.9	75-125				
Silver - Dissolved	0.0427		"	0.0500	-0.00130	85.4	75-125				
Sodium - Dissolved	22.7		"	1.00	21.8	96.9	75-125				
Vanadium - Dissolved	0.496		"	0.500	0.00121	98.9	75-125				
Zinc - Dissolved	0.506		"	0.500	0.0115	99.0	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00395 - EPA 3015A											
Blank (BE00395-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE00395-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Antimony	40.2		ug/L	50.0		80.3	80-120				
Arsenic	45.6		"	50.0		91.2	80-120				
Beryllium	50.7		"	50.0		101	80-120				
Cadmium	42.8		"	50.0		85.7	80-120				
Selenium	45.1		"	50.0		90.1	80-120				
Thallium	47.8		"	50.0		95.6	80-120				
Batch BE00399 - EPA 3015A											
Blank (BE00399-BLK1) Blank									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BE00399-BS1) LCS									Prepared: 05/11/2020 Analyzed: 05/12/2020		
Antimony - Dissolved	38.0		ug/L	50.0		76.0	80-120	Low Bias			
Arsenic - Dissolved	43.5		"	50.0		86.9	80-120				
Beryllium - Dissolved	55.1		"	50.0		110	80-120				
Cadmium - Dissolved	41.3		"	50.0		82.7	80-120				
Selenium - Dissolved	43.8		"	50.0		87.6	80-120				
Thallium - Dissolved	45.3		"	50.0		90.6	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00399 - EPA 3015A											
Duplicate (BE00399-DUP1) Duplicate	*Source sample: 20E0198-04 (MW10_050720)								Prepared: 05/11/2020 Analyzed: 05/12/2020		
Antimony - Dissolved	1.15	1.11	ug/L		1.15				0.144	20	
Arsenic - Dissolved	4.08	1.11	"		4.09				0.0936	20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	ND	1.11	"		ND					20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BE00399-MS1) Matrix Spike	*Source sample: 20E0198-04 (MW10_050720)								Prepared: 05/11/2020 Analyzed: 05/12/2020		
Antimony - Dissolved	45.4		ug/L	50.0	1.03	88.7	75-125				
Arsenic - Dissolved	56.9		"	50.0	3.68	107	75-125				
Beryllium - Dissolved	35.9		"	50.0	0.004	71.7	75-125	Low Bias			
Cadmium - Dissolved	43.1		"	50.0	0.021	86.2	75-125				
Selenium - Dissolved	50.5		"	50.0	0.812	99.5	75-125				
Thallium - Dissolved	42.9		"	50.0	0.020	85.7	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00303 - EPA 7473 water												
Blank (BE00303-BLK1)	Blank								Prepared & Analyzed: 05/08/2020			
Mercury		ND	0.00020	mg/L								
Reference (BE00303-SRM1)	Reference								Prepared & Analyzed: 05/08/2020			
Mercury		0.0113		mg/L	0.0100		113	70-130				
Batch BE00451 - EPA 7473 water												
Blank (BE00451-BLK1)	Blank								Prepared & Analyzed: 05/12/2020			
Mercury - Dissolved		ND	0.0002000	mg/L								
Reference (BE00451-SRM1)	Reference								Prepared & Analyzed: 05/12/2020			
Mercury - Dissolved		0.009819		mg/L	0.0100		98.2	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00292 - Analysis Preparation												
Blank (BE00292-BLK1)	Blank								Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BE00292-BS1)	LCS								Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		0.491	0.0100	mg/L	0.500		98.2	80-120				
Duplicate (BE00292-DUP1)	Duplicate	*Source sample: 20E0198-04 (MW10_050720)							Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BE00292-MS1)	Matrix Spike	*Source sample: 20E0198-04 (MW10_050720)							Prepared & Analyzed: 05/07/2020			
Chromium, Hexavalent		0.494	0.0100	mg/L	0.500	ND	98.8	75-125				
Batch BE00354 - Analysis Preparation												
Blank (BE00354-BLK1)	Blank								Prepared & Analyzed: 05/09/2020			
Cyanide, total		ND	0.0100	mg/L								
LCS (BE00354-BS1)	LCS								Prepared & Analyzed: 05/09/2020			
Cyanide, total		0.212	0.0100	mg/L	0.200		106	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0198-01	MW16_050720	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0198-02	MW01_050720	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0198-03	MW02_050720	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0198-04	MW10_050720	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0198-05	TB01_050720	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 20E0198

YOUR Information	Report To:	Invoice To:
Company: Langan Engineering	Company:	Company:
Address: 360 W 31st St, 8th Fl New York, NY 10001	Address: SAME	Address: SAME
Phone.: (212) 479-5400	Phone.:	Phone.:
Contact: Kim Semon	Contact:	Contact:
E-mail: Ksemon@langan.com	E-mail:	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay Street

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

Samples Collected by: (print your name above and sign below)
Eric M. Montfort

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York: X
New Jersey:
Connecticut:
Pennsylvania:
Other:

Report / EDD Type (circle selections)
Summary Report; CT RCP; Standard Excel EDD
QA Report; CT RCP DQA/DUE; EQuIS (Standard)
NY ASP A Package; NJDEP Reduced Deliverables; NYSDEC EQuIS
NY ASP B Package; NJDEP SRP HazSite
NJDKQP; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW16-050720	GW	5-7-20/0930	Part 375 VOCs, SVOCs, PCBs, Pest., Herb., TAL Metals (total + Dissolved), PFAS, 1,4-Dioxane + hex/tri Cr, CN	(4) 1L Amber; (4) 250mL Plastic; (3) 40mL VOAs; (2) PFAS 250mL Plastic
MW01-050720	GW	5-7-20/1130		
MW02-050720	GW	5-7-20/1345		
MW10-050720	GW	5-7-20/1540		
TB01-050720	W	5-7-20/-	Part 375 VOCs	(2) 40mL VOAs

Comments: Please also email results to datamanagement@langan.com and dpalazzolo@langan.com

Preservation: (check all that apply)
HCl X; MeOH ___; HNO_3 X; H_2SO_4 ___; NaOH X; ZnAc ___
Ascorbic Acid ___; Other: ___

Special Instruction
Field Filtered X
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
LANGAN	5-7-20/1600		5/7/20 1600		5/7/20
	5-7-20 1700		5-7-20 1834		

Samples Received in LAB by	Date/Time	Temp. Received at Lab
KBlocker	5/7/20 1834	1.8 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 05/18/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0279

Report Date: 05/18/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0279

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 11, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20E0279-01	MW13_051120	Water	05/11/2020	05/11/2020
20E0279-02	MW11_051120	Water	05/11/2020	05/11/2020
20E0279-03	Trip Blank	Water	05/11/2020	05/11/2020

General Notes for York Project (SDG) No.: 20E0279

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

Approved By: 

Date: 05/18/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	200	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/14/2020 08:00	05/14/2020 14:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.56	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/L	5.56	11.1	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/14/2020 14:28	05/15/2020 10:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*21.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.7 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.6 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.878**		ug/L	0.556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:05	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM	05/13/2020 07:54	05/13/2020 15:30	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*128 %*	S-HI	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**2.21**		ng/L	0.294	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**6.21**		ng/L	0.471	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**6.49**		ng/L	0.635	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**1.16**	J	ng/L	0.281	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**65.8**		ng/L	0.531	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**9.58**		ng/L	0.292	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.97**	J	ng/L	0.574	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 00:45	KT
								Certifications:			

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**5.51**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**8.58**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 00:45	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*60.9 %*		*25-150*
Surrogate: M5PFHxA	*58.6 %*		*25-150*
Surrogate: M4PFHpA	*59.3 %*		*25-150*
Surrogate: M3PFHxS	*64.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*62.1 %*		*25-150*
Surrogate: M6PFDA	*58.2 %*		*25-150*
Surrogate: M7PFUdA	*48.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*36.4 %*		*25-150*
Surrogate: M2PFTeDA	*12.7 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*66.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*63.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*57.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*20.5 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*62.7 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*57.7 %*		*25-150*
Surrogate: M2-6:2 FTS	*324 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*142 %*		*25-150*
Surrogate: M9PFNA	*65.8 %*		*25-150*

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:36	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:09	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.110**		mg/L	0.0556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.105**		mg/L	0.0278	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**61.2**		mg/L	0.0556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**5.54**		mg/L	0.278	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**26.2**		mg/L	0.0556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.52**		mg/L	0.00556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**7.38**		mg/L	0.0556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**39.9**		mg/L	0.556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.102**		mg/L	0.0278	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**63.8**		mg/L	0.0556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**5.03**		mg/L	0.278	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**25.4**		mg/L	0.0556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.42**		mg/L	0.00556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**7.30**	B	mg/L	0.0556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**47.3**		mg/L	0.556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.69**		ug/L	1.11	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.00032**		mg/L	0.00020	1	EPA 7473	05/12/2020 14:27	05/12/2020 14:47	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/12/2020 10:57	05/12/2020 13:01	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/11/2020 15:34	05/11/2020 19:12	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/18/2020 10:47	05/18/2020 10:47	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: MW13_051120 **York Sample ID:** 20E0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 9:00 am	05/11/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/12/2020 14:44	05/12/2020 20:15	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	200	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.7 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	ug/L	5.13	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/L	5.13	10.3	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND	CCV-L	ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/14/2020 14:28	05/15/2020 12:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*19.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*98.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*80.4 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.1 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.41**		ug/L	0.513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0821**		ug/L	0.0513	1	EPA 8270D SIM	05/14/2020 14:28	05/15/2020 12:37	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane by 8270-SIM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	1	EPA 8270D SIM	05/13/2020 07:54	05/13/2020 15:48	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**1.35**	J	ng/L	0.294	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**8.22**		ng/L	0.471	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**4.56**		ng/L	0.635	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.950**	J	ng/L	0.281	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**27.3**		ng/L	0.531	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**3.76**		ng/L	0.292	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.993**	J	ng/L	0.574	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.657	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.777	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.531	2.00	1	EPA 537m	05/13/2020 11:02	05/15/2020 02:06	KT
							Certifications:				

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	0.529	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT
2991-50-6	* N-EtFOSAA	ND		ng/L	0.557	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**8.99**		ng/L	0.452	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.296	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.415	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.574	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.492	5.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.399	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**11.3**	B	ng/L	1.63	2.00	1	EPA 537m Certifications:	05/13/2020 11:02	05/15/2020 02:06	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*68.1 %*		*25-150*
Surrogate: M5PFHxA	*66.2 %*		*25-150*
Surrogate: M4PFHpA	*66.2 %*		*25-150*
Surrogate: M3PFHxS	*69.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*70.9 %*		*25-150*
Surrogate: M6PFDA	*64.7 %*		*25-150*
Surrogate: M7PFUdA	*56.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*50.2 %*		*25-150*
Surrogate: M2PFTeDA	*43.2 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*64.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*73.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*66.7 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*33.3 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*69.1 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*66.1 %*		*25-150*
Surrogate: M2-6:2 FTS	*365 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*165 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*73.0 %*		*25-150*

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	05/14/2020 08:09	05/15/2020 17:53	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	05/14/2020 08:09	05/14/2020 16:23	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0882**		mg/L	0.0556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0373**		mg/L	0.0278	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**33.7**		mg/L	0.0556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.684**		mg/L	0.278	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7.51**		mg/L	0.0556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.497**		mg/L	0.00556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.17**		mg/L	0.0556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**35.1**		mg/L	0.556	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/12/2020 11:32	05/15/2020 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0414**		mg/L	0.0278	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**37.1**		mg/L	0.0556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.602**		mg/L	0.278	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**8.29**		mg/L	0.0556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.544**		mg/L	0.00556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.46**	B	mg/L	0.0556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**36.5**		mg/L	0.556	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/18/2020 11:56	05/18/2020 13:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:47	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:47	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:47	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:47	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:47	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/12/2020 11:29	05/13/2020 17:47	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/18/2020 11:59	05/18/2020 14:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/12/2020 14:27	05/12/2020 15:30	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	05/12/2020 10:57	05/12/2020 13:32	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/11/2020 15:34	05/11/2020 19:12	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/18/2020 10:47	05/18/2020 10:47	TJM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: MW11_051120 **York Sample ID:** 20E0279-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 10:45 am	05/11/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/12/2020 14:44	05/12/2020 20:15	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **20E0279-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 11:00 am	05/11/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	200	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 20E0279-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 11:00 am	05/11/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 20E0279-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 11:00 am	05/11/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **20E0279-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0279	170610601	Water	May 11, 2020 11:00 am	05/11/2020

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/14/2020 08:00	05/14/2020 15:35	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*79-122*

Analytical Batch Summary

Batch ID: BE00417 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/11/20
20E0279-02	MW11_051120	05/11/20
BE00417-BLK1	Blank	05/11/20
BE00417-BS1	LCS	05/11/20
BE00417-DUP1	Duplicate	05/11/20
BE00417-MS1	Matrix Spike	05/11/20

Batch ID: BE00451 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/12/20
20E0279-02	MW11_051120	05/12/20
BE00451-BLK1	Blank	05/12/20
BE00451-DUP1	Duplicate	05/12/20
BE00451-MS1	Matrix Spike	05/12/20
BE00451-SRM1	Reference	05/12/20

Batch ID: BE00452 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/12/20
20E0279-02	MW11_051120	05/12/20
BE00452-BLK1	Blank	05/12/20
BE00452-BS1	LCS	05/12/20
BE00452-DUP1	Duplicate	05/12/20
BE00452-MS1	Matrix Spike	05/12/20

Batch ID: BE00453 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/12/20
20E0279-02	MW11_051120	05/12/20
BE00453-BLK1	Blank	05/12/20
BE00453-BS1	LCS	05/12/20
BE00453-DUP1	Duplicate	05/12/20
BE00453-MS1	Matrix Spike	05/12/20
BE00453-PS1	Post Spike	05/12/20

Batch ID: BE00465 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/12/20
20E0279-02	MW11_051120	05/12/20

BE00465-BLK1	Blank	05/12/20
BE00465-DUP1	Duplicate	05/12/20
BE00465-MS1	Matrix Spike	05/12/20
BE00465-SRM1	Reference	05/12/20

Batch ID: BE00468 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/12/20
20E0279-02	MW11_051120	05/12/20
BE00468-BLK1	Blank	05/12/20
BE00468-BS1	LCS	05/12/20
BE00468-DUP1	Duplicate	05/12/20
BE00468-MS1	Matrix Spike	05/12/20

Batch ID: BE00488 **Preparation Method:** EPA 3535A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/13/20
20E0279-02	MW11_051120	05/13/20
BE00488-BLK1	Blank	05/13/20
BE00488-BS1	LCS	05/13/20
BE00488-MS1	Matrix Spike	05/13/20
BE00488-MSD1	Matrix Spike Dup	05/13/20

Batch ID: BE00519 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** KT

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/13/20
20E0279-02	MW11_051120	05/13/20
BE00519-BLK1	Blank	05/13/20
BE00519-BS1	LCS	05/13/20
BE00519-MS1	Matrix Spike	05/13/20
BE00519-MSD1	Matrix Spike Dup	05/13/20

Batch ID: BE00554 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/14/20
20E0279-01	MW13_051120	05/14/20
20E0279-02	MW11_051120	05/14/20
20E0279-02	MW11_051120	05/14/20
BE00554-BLK2	Blank	05/14/20
BE00554-BS2	LCS	05/14/20
BE00554-MS1	Matrix Spike	05/14/20
BE00554-MS2	Matrix Spike	05/14/20
BE00554-MSD1	Matrix Spike Dup	05/14/20
BE00554-MSD2	Matrix Spike Dup	05/14/20

Batch ID: BE00573 **Preparation Method:** EPA 5030B **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/14/20
20E0279-02	MW11_051120	05/14/20
20E0279-03	Trip Blank	05/14/20
BE00573-BLK1	Blank	05/14/20
BE00573-BS1	LCS	05/14/20
BE00573-BSD1	LCS Dup	05/14/20
BE00573-MS1	Matrix Spike	05/14/20
BE00573-MSD1	Matrix Spike Dup	05/14/20

Batch ID: BE00593 **Preparation Method:** EPA 3510C **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/14/20
20E0279-02	MW11_051120	05/14/20
BE00593-BLK1	Blank	05/14/20
BE00593-BLK2	Blank	05/14/20
BE00593-BS1	LCS	05/14/20
BE00593-BS2	LCS	05/14/20
BE00593-MS1	Matrix Spike	05/14/20
BE00593-MSD1	Matrix Spike Dup	05/14/20

Batch ID: BE00698 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/18/20
20E0279-02	MW11_051120	05/18/20

Batch ID: BE00703 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/18/20
20E0279-02	MW11_051120	05/18/20
BE00703-BLK1	Blank	05/18/20
BE00703-BS1	LCS	05/18/20
BE00703-DUP1	Duplicate	05/18/20
BE00703-MS1	Matrix Spike	05/18/20
BE00703-PS1	Post Spike	05/18/20

Batch ID: BE00704 **Preparation Method:** EPA 3015A **Prepared By:** SY

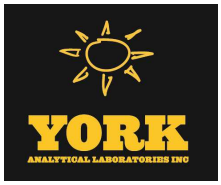
YORK Sample ID	Client Sample ID	Preparation Date
20E0279-01	MW13_051120	05/18/20
20E0279-02	MW11_051120	05/18/20
BE00704-BLK1	Blank	05/18/20

BE00704-BS1	LCS	05/18/20
BE00704-DUP1	Duplicate	05/18/20
BE00704-MS1	Matrix Spike	05/18/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00573 - EPA 5030B											
Blank (BE00573-BLK1) Blank									Prepared & Analyzed: 05/14/2020		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00573 - EPA 5030B											
Blank (BE00573-BLK1) Blank								Prepared & Analyzed: 05/14/2020			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.71*		*"*	*10.0*		*97.1*	*79-122*				
LCS (BE00573-BS1) LCS								Prepared & Analyzed: 05/14/2020			
1,1,1,2-Tetrachloroethane	9.19		ug/L	10.0		91.9	82-126				
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136				
1,1,2,2-Tetrachloroethane	8.22		"	10.0		82.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	8.39		"	10.0		83.9	82-123				
1,1-Dichloroethane	9.12		"	10.0		91.2	82-129				
1,1-Dichloroethylene	10.4		"	10.0		104	68-138				
1,2,3-Trichlorobenzene	7.42		"	10.0		74.2	76-136	Low Bias			
1,2,3-Trichloropropane	9.16		"	10.0		91.6	77-128				
1,2,4-Trichlorobenzene	7.22		"	10.0		72.2	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.04		"	10.0		90.4	82-132				
1,2-Dibromo-3-chloropropane	7.53		"	10.0		75.3	45-147				
1,2-Dibromoethane	8.31		"	10.0		83.1	83-124				
1,2-Dichlorobenzene	8.66		"	10.0		86.6	79-123				
1,2-Dichloroethane	9.13		"	10.0		91.3	73-132				
1,2-Dichloropropane	8.28		"	10.0		82.8	78-126				
1,3,5-Trimethylbenzene	9.07		"	10.0		90.7	80-131				
1,3-Dichlorobenzene	8.87		"	10.0		88.7	86-122				
1,4-Dichlorobenzene	8.70		"	10.0		87.0	85-124				
1,4-Dioxane	103		"	210		49.2	10-349				
2-Butanone	7.58		"	10.0		75.8	49-152				
2-Hexanone	7.03		"	10.0		70.3	51-146				
4-Methyl-2-pentanone	7.09		"	10.0		70.9	57-145				
Acetone	5.68		"	10.0		56.8	14-150				
Acrolein	8.86		"	10.0		88.6	10-153				
Acrylonitrile	7.74		"	10.0		77.4	51-150				
Benzene	9.87		"	10.0		98.7	85-126				
Bromochloromethane	8.46		"	10.0		84.6	77-128				
Bromodichloromethane	8.60		"	10.0		86.0	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00573 - EPA 5030B											
LCS (BE00573-BS1) LCS							Prepared & Analyzed: 05/14/2020				
Bromoform	8.47		ug/L	10.0		84.7	78-133				
Bromomethane	8.06		"	10.0		80.6	43-168				
Carbon disulfide	10.5		"	10.0		105	68-146				
Carbon tetrachloride	10.3		"	10.0		103	77-141				
Chlorobenzene	9.27		"	10.0		92.7	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	9.71		"	10.0		97.1	82-128				
Chloromethane	10.1		"	10.0		101	43-155				
cis-1,2-Dichloroethylene	9.39		"	10.0		93.9	83-129				
cis-1,3-Dichloropropylene	8.50		"	10.0		85.0	80-131				
Cyclohexane	8.93		"	10.0		89.3	63-149				
Dibromochloromethane	8.80		"	10.0		88.0	80-130				
Dibromomethane	8.03		"	10.0		80.3	72-134				
Dichlorodifluoromethane	9.40		"	10.0		94.0	44-144				
Ethyl Benzene	9.53		"	10.0		95.3	80-131				
Hexachlorobutadiene	7.67		"	10.0		76.7	67-146				
Isopropylbenzene	9.08		"	10.0		90.8	76-140				
Methyl acetate	7.26		"	10.0		72.6	51-139				
Methyl tert-butyl ether (MTBE)	8.94		"	10.0		89.4	76-135				
Methylcyclohexane	8.96		"	10.0		89.6	72-143				
Methylene chloride	9.11		"	10.0		91.1	55-137				
n-Butylbenzene	8.86		"	10.0		88.6	79-132				
n-Propylbenzene	8.74		"	10.0		87.4	78-133				
o-Xylene	9.25		"	10.0		92.5	78-130				
p- & m- Xylenes	19.1		"	20.0		95.3	77-133				
p-Isopropyltoluene	8.73		"	10.0		87.3	81-136				
sec-Butylbenzene	8.91		"	10.0		89.1	79-137				
Styrene	9.40		"	10.0		94.0	67-132				
tert-Butyl alcohol (TBA)	39.8		"	50.0		79.6	25-162				
tert-Butylbenzene	8.73		"	10.0		87.3	77-138				
Tetrachloroethylene	9.24		"	10.0		92.4	82-131				
Toluene	9.41		"	10.0		94.1	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	8.30		"	10.0		83.0	78-131				
Trichloroethylene	9.37		"	10.0		93.7	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl Chloride	9.42		"	10.0		94.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.44*		*"*	*10.0*		*94.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE00573 - EPA 5030B

LCS Dup (BE00573-BSD1) LCS Dup — Prepared & Analyzed: 05/14/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.00		ug/L	10.0		90.0	82-126		2.09	30	
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136		4.16	30	
1,1,2,2-Tetrachloroethane	9.07		"	10.0		90.7	76-129		9.83	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		5.02	30	
1,1,2-Trichloroethane	8.81		"	10.0		88.1	82-123		4.88	30	
1,1-Dichloroethane	8.89		"	10.0		88.9	82-129		2.55	30	
1,1-Dichloroethylene	9.78		"	10.0		97.8	68-138		6.53	30	
1,2,3-Trichlorobenzene	8.19		"	10.0		81.9	76-136		9.87	30	
1,2,3-Trichloropropane	9.35		"	10.0		93.5	77-128		2.05	30	
1,2,4-Trichlorobenzene	7.84		"	10.0		78.4	76-137		8.23	30	
1,2,4-Trimethylbenzene	8.60		"	10.0		86.0	82-132		4.99	30	
1,2-Dibromo-3-chloropropane	8.76		"	10.0		87.6	45-147		15.1	30	
1,2-Dibromoethane	9.14		"	10.0		91.4	83-124		9.51	30	
1,2-Dichlorobenzene	8.86		"	10.0		88.6	79-123		2.28	30	
1,2-Dichloroethane	9.49		"	10.0		94.9	73-132		3.87	30	
1,2-Dichloropropane	7.91		"	10.0		79.1	78-126		4.57	30	
1,3,5-Trimethylbenzene	8.60		"	10.0		86.0	80-131		5.32	30	
1,3-Dichlorobenzene	8.77		"	10.0		87.7	86-122		1.13	30	
1,4-Dichlorobenzene	8.58		"	10.0		85.8	85-124		1.39	30	
1,4-Dioxane	192		"	210		91.3	10-349		59.9	30	Non-dir.
2-Butanone	9.16		"	10.0		91.6	49-152		18.9	30	
2-Hexanone	7.98		"	10.0		79.8	51-146		12.7	30	
4-Methyl-2-pentanone	8.23		"	10.0		82.3	57-145		14.9	30	
Acetone	7.00		"	10.0		70.0	14-150		20.8	30	
Acrolein	9.97		"	10.0		99.7	10-153		11.8	30	
Acrylonitrile	9.29		"	10.0		92.9	51-150		18.2	30	
Benzene	9.54		"	10.0		95.4	85-126		3.40	30	
Bromochloromethane	8.71		"	10.0		87.1	77-128		2.91	30	
Bromodichloromethane	8.70		"	10.0		87.0	79-128		1.16	30	
Bromoform	9.28		"	10.0		92.8	78-133		9.13	30	
Bromomethane	7.11		"	10.0		71.1	43-168		12.5	30	
Carbon disulfide	9.96		"	10.0		99.6	68-146		5.28	30	
Carbon tetrachloride	10.1		"	10.0		101	77-141		2.16	30	
Chlorobenzene	8.94		"	10.0		89.4	88-120		3.62	30	
Chloroethane	10.8		"	10.0		108	65-136		5.06	30	
Chloroform	9.66		"	10.0		96.6	82-128		0.516	30	
Chloromethane	9.23		"	10.0		92.3	43-155		9.00	30	
cis-1,2-Dichloroethylene	9.17		"	10.0		91.7	83-129		2.37	30	
cis-1,3-Dichloropropylene	8.50		"	10.0		85.0	80-131		0.00	30	
Cyclohexane	8.58		"	10.0		85.8	63-149		4.00	30	
Dibromochloromethane	9.21		"	10.0		92.1	80-130		4.55	30	
Dibromomethane	8.73		"	10.0		87.3	72-134		8.35	30	
Dichlorodifluoromethane	8.58		"	10.0		85.8	44-144		9.12	30	
Ethyl Benzene	9.09		"	10.0		90.9	80-131		4.73	30	
Hexachlorobutadiene	7.52		"	10.0		75.2	67-146		1.97	30	
Isopropylbenzene	8.57		"	10.0		85.7	76-140		5.78	30	
Methyl acetate	8.29		"	10.0		82.9	51-139		13.2	30	
Methyl tert-butyl ether (MTBE)	9.89		"	10.0		98.9	76-135		10.1	30	
Methylcyclohexane	8.48		"	10.0		84.8	72-143		5.50	30	
Methylene chloride	9.31		"	10.0		93.1	55-137		2.17	30	
n-Butylbenzene	9.20		"	10.0		92.0	79-132		3.77	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

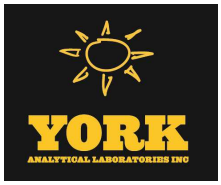
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00573 - EPA 5030B											
LCS Dup (BE00573-BSD1) LCS Dup								Prepared & Analyzed: 05/14/2020			
n-Propylbenzene	8.38		ug/L	10.0		83.8	78-133		4.21	30	
o-Xylene	9.14		"	10.0		91.4	78-130		1.20	30	
p- & m- Xylenes	18.2		"	20.0		91.2	77-133		4.34	30	
p-Isopropyltoluene	8.63		"	10.0		86.3	81-136		1.15	30	
sec-Butylbenzene	8.77		"	10.0		87.7	79-137		1.58	30	
Styrene	9.27		"	10.0		92.7	67-132		1.39	30	
tert-Butyl alcohol (TBA)	51.1		"	50.0		102	25-162		24.9	30	
tert-Butylbenzene	8.37		"	10.0		83.7	77-138		4.21	30	
Tetrachloroethylene	8.82		"	10.0		88.2	82-131		4.65	30	
Toluene	8.93		"	10.0		89.3	80-127		5.23	30	
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	80-132		6.30	30	
trans-1,3-Dichloropropylene	8.68		"	10.0		86.8	78-131		4.48	30	
Trichloroethylene	8.60		"	10.0		86.0	82-128		8.57	30	
Trichlorofluoromethane	9.85		"	10.0		98.5	67-139		4.85	30	
Vinyl Chloride	8.65		"	10.0		86.5	58-145		8.52	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.41*		*"*	*10.0*		*94.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				
Matrix Spike (BE00573-MS1) Matrix Spike *Source sample: 20E0279-01 (MW13_051120)								Prepared & Analyzed: 05/14/2020			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0	0.00	110	45-161				
1,1,1-Trichloroethane	2.05		"	10.0	0.00	20.5	70-146	Low Bias			
1,1,2,2-Tetrachloroethane	10.3		"	10.0	0.00	103	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0	0.00	122	21-217				
1,1,2-Trichloroethane	10.1		"	10.0	0.00	101	59-146				
1,1-Dichloroethane	11.1		"	10.0	0.00	111	54-146				
1,1-Dichloroethylene	12.7		"	10.0	0.00	127	44-165				
1,2,3-Trichlorobenzene	8.89		"	10.0	0.00	88.9	40-161				
1,2,3-Trichloropropane	10.7		"	10.0	0.00	107	74-127				
1,2,4-Trichlorobenzene	7.46		"	10.0	0.00	74.6	41-161				
1,2,4-Trimethylbenzene	9.92		"	10.0	0.00	99.2	72-129				
1,2-Dibromo-3-chloropropane	9.68		"	10.0	0.00	96.8	31-151				
1,2-Dibromoethane	10.5		"	10.0	0.00	105	75-125				
1,2-Dichlorobenzene	9.85		"	10.0	0.00	98.5	63-122				
1,2-Dichloroethane	11.6		"	10.0	0.00	116	68-131				
1,2-Dichloropropane	9.36		"	10.0	0.00	93.6	77-121				
1,3,5-Trimethylbenzene	9.92		"	10.0	0.00	99.2	69-126				
1,3-Dichlorobenzene	9.71		"	10.0	0.00	97.1	74-119				
1,4-Dichlorobenzene	9.64		"	10.0	0.00	96.4	70-124				
1,4-Dioxane	268		"	210	0.00	128	10-310				
2-Butanone	10.4		"	10.0	0.00	104	10-193				
2-Hexanone	8.69		"	10.0	0.00	86.9	53-133				
4-Methyl-2-pentanone	9.02		"	10.0	0.00	90.2	38-150				
Acetone	8.12		"	10.0	0.00	81.2	13-149				
Acrolein	4.35		"	10.0	0.00	43.5	10-195				
Acrylonitrile	10.1		"	10.0	0.00	101	37-165				
Benzene	11.9		"	10.0	0.00	119	38-155				
Bromochloromethane	10.4		"	10.0	0.00	104	75-121				
Bromodichloromethane	10.4		"	10.0	0.00	104	70-129				
Bromoform	11.1		"	10.0	0.00	111	66-136				
Bromomethane	7.05		"	10.0	0.00	70.5	30-158				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00573 - EPA 5030B											
Matrix Spike (BE00573-MS1) Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/14/2020			
Carbon disulfide	12.8		ug/L	10.0	0.00	128	10-138				
Carbon tetrachloride	13.1		"	10.0	0.00	131	71-146				
Chlorobenzene	10.7		"	10.0	0.00	107	81-117				
Chloroethane	12.0		"	10.0	0.00	120	51-145				
Chloroform	11.9		"	10.0	0.00	119	80-124				
Chloromethane	10.9		"	10.0	0.00	109	16-163				
cis-1,2-Dichloroethylene	11.3		"	10.0	0.00	113	76-125				
cis-1,3-Dichloropropylene	10.1		"	10.0	0.00	101	58-131				
Cyclohexane	10.4		"	10.0	0.00	104	70-130				
Dibromochloromethane	10.7		"	10.0	0.00	107	71-129				
Dibromomethane	10.1		"	10.0	0.00	101	76-120				
Dichlorodifluoromethane	11.8		"	10.0	0.00	118	30-147				
Ethyl Benzene	10.8		"	10.0	0.00	108	72-128				
Hexachlorobutadiene	7.29		"	10.0	0.00	72.9	34-166				
Isopropylbenzene	10.1		"	10.0	0.00	101	66-139				
Methyl acetate	8.77		"	10.0	0.00	87.7	10-200				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0	0.00	114	75-128				
Methylcyclohexane	9.51		"	10.0	0.00	95.1	70-130				
Methylene chloride	11.1		"	10.0	0.00	111	57-128				
n-Butylbenzene	7.15		"	10.0	0.00	71.5	61-138				
n-Propylbenzene	9.51		"	10.0	0.00	95.1	66-134				
o-Xylene	10.8		"	10.0	0.00	108	69-126				
p- & m- Xylenes	21.5		"	20.0	0.00	108	67-130				
p-Isopropyltoluene	9.44		"	10.0	0.00	94.4	64-137				
sec-Butylbenzene	9.81		"	10.0	0.00	98.1	53-155				
Styrene	10.8		"	10.0	0.00	108	69-125				
tert-Butyl alcohol (TBA)	19.4		"	50.0	0.00	38.9	10-130				
tert-Butylbenzene	9.94		"	10.0	0.00	99.4	65-139				
Tetrachloroethylene	9.88		"	10.0	0.00	98.8	64-139				
Toluene	10.9		"	10.0	0.00	109	76-123				
trans-1,2-Dichloroethylene	12.3		"	10.0	0.00	123	79-131				
trans-1,3-Dichloropropylene	9.77		"	10.0	0.00	97.7	55-130				
Trichloroethylene	10.6		"	10.0	0.00	106	53-145				
Trichlorofluoromethane	12.8		"	10.0	0.00	128	61-142				
Vinyl Chloride	11.3		"	10.0	0.00	113	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE00573 - EPA 5030B

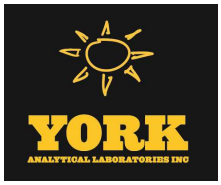
Matrix Spike Dup (BE00573-M Matrix Spike Dup *Source sample: 20E0279-01 (MW13_051120) Prepared & Analyzed: 05/14/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0	0.00	108	45-161		1.84	30	
1,1,1-Trichloroethane	13.1		"	10.0	0.00	131	70-146		146	30	Non-dir.
1,1,2,2-Tetrachloroethane	9.71		"	10.0	0.00	97.1	74-121		5.90	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0	0.00	112	21-217		8.80	30	
1,1,2-Trichloroethane	9.88		"	10.0	0.00	98.8	59-146		2.30	30	
1,1-Dichloroethane	11.0		"	10.0	0.00	110	54-146		0.812	30	
1,1-Dichloroethylene	12.4		"	10.0	0.00	124	44-165		1.99	30	
1,2,3-Trichlorobenzene	8.04		"	10.0	0.00	80.4	40-161		10.0	30	
1,2,3-Trichloropropane	10.3		"	10.0	0.00	103	74-127		4.19	30	
1,2,4-Trichlorobenzene	7.05		"	10.0	0.00	70.5	41-161		5.65	30	
1,2,4-Trimethylbenzene	9.49		"	10.0	0.00	94.9	72-129		4.43	30	
1,2-Dibromo-3-chloropropane	9.99		"	10.0	0.00	99.9	31-151		3.15	30	
1,2-Dibromoethane	10.3		"	10.0	0.00	103	75-125		2.12	30	
1,2-Dichlorobenzene	9.75		"	10.0	0.00	97.5	63-122		1.02	30	
1,2-Dichloroethane	11.6		"	10.0	0.00	116	68-131		0.172	30	
1,2-Dichloropropane	9.27		"	10.0	0.00	92.7	77-121		0.966	30	
1,3,5-Trimethylbenzene	9.61		"	10.0	0.00	96.1	69-126		3.17	30	
1,3-Dichlorobenzene	9.38		"	10.0	0.00	93.8	74-119		3.46	30	
1,4-Dichlorobenzene	9.40		"	10.0	0.00	94.0	70-124		2.52	30	
1,4-Dioxane	164		"	210	0.00	77.9	10-310		48.5	30	Non-dir.
2-Butanone	9.04		"	10.0	0.00	90.4	10-193		14.3	30	
2-Hexanone	8.19		"	10.0	0.00	81.9	53-133		5.92	30	
4-Methyl-2-pentanone	8.29		"	10.0	0.00	82.9	38-150		8.43	30	
Acetone	7.63		"	10.0	0.00	76.3	13-149		6.22	30	
Acrolein	8.48		"	10.0	0.00	84.8	10-195		64.4	30	Non-dir.
Acrylonitrile	9.27		"	10.0	0.00	92.7	37-165		8.87	30	
Benzene	11.5		"	10.0	0.00	115	38-155		3.16	30	
Bromochloromethane	10.2		"	10.0	0.00	102	75-121		1.94	30	
Bromodichloromethane	10.3		"	10.0	0.00	103	70-129		1.16	30	
Bromoform	10.8		"	10.0	0.00	108	66-136		3.28	30	
Bromomethane	8.57		"	10.0	0.00	85.7	30-158		19.5	30	
Carbon disulfide	12.5		"	10.0	0.00	125	10-138		1.74	30	
Carbon tetrachloride	12.7		"	10.0	0.00	127	71-146		2.94	30	
Chlorobenzene	10.4		"	10.0	0.00	104	81-117		2.85	30	
Chloroethane	11.9		"	10.0	0.00	119	51-145		0.921	30	
Chloroform	11.6		"	10.0	0.00	116	80-124		2.47	30	
Chloromethane	11.3		"	10.0	0.00	113	16-163		3.06	30	
cis-1,2-Dichloroethylene	11.0		"	10.0	0.00	110	76-125		2.43	30	
cis-1,3-Dichloropropylene	9.63		"	10.0	0.00	96.3	58-131		4.37	30	
Cyclohexane	9.94		"	10.0	0.00	99.4	70-130		4.43	30	
Dibromochloromethane	10.6		"	10.0	0.00	106	71-129		1.31	30	
Dibromomethane	9.68		"	10.0	0.00	96.8	76-120		4.54	30	
Dichlorodifluoromethane	11.2		"	10.0	0.00	112	30-147		4.70	30	
Ethyl Benzene	10.5		"	10.0	0.00	105	72-128		2.53	30	
Hexachlorobutadiene	6.54		"	10.0	0.00	65.4	34-166		10.8	30	
Isopropylbenzene	9.82		"	10.0	0.00	98.2	66-139		3.11	30	
Methyl acetate	7.96		"	10.0	0.00	79.6	10-200		9.68	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0	0.00	109	75-128		4.83	30	
Methylcyclohexane	8.71		"	10.0	0.00	87.1	70-130		8.78	30	
Methylene chloride	10.9		"	10.0	0.00	109	57-128		1.73	30	
n-Butylbenzene	7.78		"	10.0	0.00	77.8	61-138		8.44	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00573 - EPA 5030B											
Matrix Spike Dup (BE00573-M Matrix Spike Dup	*Source sample: 20E0279-01 (MW13_051120)								Prepared & Analyzed: 05/14/2020		
n-Propylbenzene	9.05		ug/L	10.0	0.00	90.5	66-134		4.96	30	
o-Xylene	10.4		"	10.0	0.00	104	69-126		3.30	30	
p- & m- Xylenes	20.5		"	20.0	0.00	103	67-130		4.85	30	
p-Isopropyltoluene	9.04		"	10.0	0.00	90.4	64-137		4.33	30	
sec-Butylbenzene	9.37		"	10.0	0.00	93.7	53-155		4.59	30	
Styrene	10.3		"	10.0	0.00	103	69-125		4.46	30	
tert-Butyl alcohol (TBA)	54.2		"	50.0	0.00	108	10-130		94.3	30	Non-dir.
tert-Butylbenzene	9.60		"	10.0	0.00	96.0	65-139		3.48	30	
Tetrachloroethylene	9.44		"	10.0	0.00	94.4	64-139		4.55	30	
Toluene	10.6		"	10.0	0.00	106	76-123		2.71	30	
trans-1,2-Dichloroethylene	12.0		"	10.0	0.00	120	79-131		2.22	30	
trans-1,3-Dichloropropylene	9.63		"	10.0	0.00	96.3	55-130		1.44	30	
Trichloroethylene	10.1		"	10.0	0.00	101	53-145		5.20	30	
Trichlorofluoromethane	12.2		"	10.0	0.00	122	61-142		4.16	30	
Vinyl Chloride	11.3		"	10.0	0.00	113	31-165		0.355	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE00593 - EPA 3510C

Blank (BE00593-BLK1) Blank — Prepared: 05/14/2020 Analyzed: 05/15/2020

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00593 - EPA 3510C											
Blank (BE00593-BLK1) Blank										Prepared: 05/14/2020 Analyzed: 05/15/2020	
Surrogate: SURR: 2-Fluorophenol	*22.9*		*ug/L*	*50.0*		*45.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*12.2*		*"*	*50.0*		*24.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*31.2*		*"*	*25.0*		*125*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*23.8*		*"*	*25.0*		*95.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.9*		*"*	*50.0*		*102*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*31.7*		*"*	*25.0*		*127*	*30.7-106*				
Blank (BE00593-BLK2) Blank										Prepared: 05/14/2020 Analyzed: 05/15/2020	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00593 - EPA 3510C											
LCS (BE00593-BS1) LCS								Prepared: 05/14/2020 Analyzed: 05/15/2020			
1,1-Biphenyl	21.8	5.00	ug/L	25.0		87.3	33-95				
1,2,4,5-Tetrachlorobenzene	23.7	5.00	"	25.1		94.3	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	21.5	5.00	"	25.0		86.0	16-141				
2,3,4,6-Tetrachlorophenol	35.0	5.00	"	25.0		140	30-130	High Bias			
2,4,5-Trichlorophenol	20.4	5.00	"	25.0		81.5	32-114				
2,4,6-Trichlorophenol	22.3	5.00	"	25.0		89.1	35-118				
2,4-Dichlorophenol	22.3	5.00	"	25.0		89.1	25-116				
2,4-Dimethylphenol	21.5	5.00	"	25.0		86.0	15-116				
2,4-Dinitrophenol	25.8	5.00	"	25.0		103	10-170				
2,4-Dinitrotoluene	27.6	5.00	"	25.0		110	41-128				
2,6-Dinitrotoluene	27.1	5.00	"	25.0		108	45-116				
2-Chloronaphthalene	19.4	5.00	"	25.0		77.7	33-112				
2-Chlorophenol	18.4	5.00	"	25.0		73.7	15-120				
2-Methylnaphthalene	24.0	5.00	"	25.0		95.9	24-118				
2-Methylphenol	13.1	5.00	"	25.0		52.3	10-110				
2-Nitroaniline	27.0	5.00	"	25.0		108	34-129				
2-Nitrophenol	28.2	5.00	"	25.0		113	28-118				
3- & 4-Methylphenols	10.7	5.00	"	25.0		42.9	10-107				
3,3-Dichlorobenzidine	23.1	5.00	"	25.0		92.5	15-187				
3-Nitroaniline	22.9	5.00	"	25.0		91.6	24-134				
4,6-Dinitro-2-methylphenol	29.6	5.00	"	25.0		119	10-153				
4-Bromophenyl phenyl ether	21.6	5.00	"	25.0		86.4	34-120				
4-Chloro-3-methylphenol	25.7	5.00	"	25.0		103	20-120				
4-Chloroaniline	16.1	5.00	"	25.0		64.6	10-147				
4-Chlorophenyl phenyl ether	21.1	5.00	"	25.0		84.3	27-121				
4-Nitroaniline	24.6	5.00	"	25.0		98.6	13-134				
4-Nitrophenol	14.8	5.00	"	25.0		59.0	10-131				
Acetophenone	20.7	5.00	"	25.0		82.9	25-110				
Aniline	12.5	5.00	"	25.0		50.0	10-117				
Benzaldehyde	20.6	5.00	"	25.0		82.4	29-117				
Benzoic acid	7.82	5.00	"	25.0		31.3	30-130				
Benzyl alcohol	14.3	5.00	"	25.0		57.1	10-117				
Benzyl butyl phthalate	31.0	5.00	"	25.0		124	29-133				
Bis(2-chloroethoxy)methane	20.6	5.00	"	25.0		82.6	10-154				
Bis(2-chloroethyl)ether	18.8	5.00	"	25.0		75.1	17-125				
Bis(2-chloroisopropyl)ether	20.3	5.00	"	25.0		81.1	10-139				
Caprolactam	5.03	5.00	"	25.0		20.1	10-137				
Carbazole	24.4	5.00	"	25.0		97.5	42-126				
Dibenzofuran	21.7	5.00	"	25.0		86.6	36-113				
Diethyl phthalate	24.2	5.00	"	25.0		96.7	38-115				
Dimethyl phthalate	23.0	5.00	"	25.0		92.1	38-129				
Di-n-butyl phthalate	25.8	5.00	"	25.0		103	31-120				
Di-n-octyl phthalate	34.3	5.00	"	25.0		137	21-149				
Diphenylamine	23.3	5.00	"	25.0		93.3	40-140				
Hexachlorocyclopentadiene	11.8	10.0	"	25.0		47.0	10-130				
Isophorone	23.1	5.00	"	25.0		92.4	25-127				
N-nitroso-di-n-propylamine	19.9	5.00	"	25.0		79.4	26-122				
N-Nitrosodiphenylamine	23.2	5.00	"	25.0		92.6	23-149				
Phenol	7.85	5.00	"	25.0		31.4	10-110				
Pyridine	7.31	5.00	"	27.5		26.6	10-90				
Surrogate: SURR: 2-Fluorophenol	*21.8*		*"*	*50.0*		*43.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00593 - EPA 3510C											
LCS (BE00593-BS1) LCS								Prepared: 05/14/2020 Analyzed: 05/15/2020			
Surrogate: SURR: Phenol-d5	*12.5*		*ug/L*	*50.0*		*25.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*27.6*		*"*	*25.0*		*110*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.7*		*"*	*25.0*		*82.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*48.8*		*"*	*50.0*		*97.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*30.3*		*"*	*25.0*		*121*	*30.7-106*				
LCS (BE00593-BS2) LCS								Prepared: 05/14/2020 Analyzed: 05/15/2020			
Acenaphthene	0.820	0.0500	ug/L	1.00		82.0	25-116				
Acenaphthylene	0.790	0.0500	"	1.00		79.0	26-116				
Anthracene	0.930	0.0500	"	1.00		93.0	25-123				
Benzo(a)anthracene	0.870	0.0500	"	1.00		87.0	33-125				
Benzo(a)pyrene	0.940	0.0500	"	1.00		94.0	32-132				
Benzo(b)fluoranthene	1.13	0.0500	"	1.00		113	22-137				
Benzo(g,h,i)perylene	0.440	0.0500	"	1.00		44.0	10-138				
Benzo(k)fluoranthene	1.05	0.0500	"	1.00		105	20-137				
Bis(2-ethylhexyl)phthalate	3.31	0.500	"	1.00		331	10-189	High Bias			
Chrysene	0.810	0.0500	"	1.00		81.0	32-124				
Dibenzo(a,h)anthracene	0.510	0.0500	"	1.00		51.0	16-133				
Fluoranthene	0.960	0.0500	"	1.00		96.0	32-121				
Fluorene	0.970	0.0500	"	1.00		97.0	28-118				
Hexachlorobenzene	0.740	0.0200	"	1.00		74.0	23-124				
Hexachlorobutadiene	0.820	0.500	"	1.00		82.0	15-123				
Hexachloroethane	0.870	0.500	"	1.00		87.0	18-115				
Indeno(1,2,3-cd)pyrene	0.520	0.0500	"	1.00		52.0	15-135				
Naphthalene	0.810	0.0500	"	1.00		81.0	18-120				
Nitrobenzene	1.43	0.250	"	1.00		143	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.14	0.250	"	1.00		114	10-156				
Phenanthrene	0.940	0.0500	"	1.00		94.0	24-127				
Pyrene	0.900	0.0500	"	1.00		90.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00593 - EPA 3510C											
Matrix Spike (BE00593-MS1) Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared: 05/14/2020 Analyzed: 05/15/2020			
1,1-Biphenyl	22.0	5.41	ug/L	27.0	ND	81.3	26-79	High Bias			
1,2,4,5-Tetrachlorobenzene	23.8	5.41	"	27.1	ND	87.6	33-90				
1,2-Diphenylhydrazine (as Azobenzene)	20.7	5.41	"	27.0	ND	76.8	21-107				
2,3,4,6-Tetrachlorophenol	35.2	5.41	"	27.0	ND	130	30-130				
2,4,5-Trichlorophenol	21.0	5.41	"	27.0	ND	77.7	43-96				
2,4,6-Trichlorophenol	22.9	5.41	"	27.0	ND	84.8	46-94				
2,4-Dichlorophenol	23.3	5.41	"	27.0	ND	86.0	26-101				
2,4-Dimethylphenol	21.4	5.41	"	27.0	ND	79.4	10-104				
2,4-Dinitrophenol	31.2	5.41	"	27.0	ND	115	10-146				
2,4-Dinitrotoluene	27.1	5.41	"	27.0	ND	100	30-108				
2,6-Dinitrotoluene	27.6	5.41	"	27.0	ND	102	38-98	High Bias			
2-Chloronaphthalene	19.4	5.41	"	27.0	ND	71.8	30-89				
2-Chlorophenol	19.3	5.41	"	27.0	ND	71.4	24-98				
2-Methylnaphthalene	23.7	5.41	"	27.0	ND	87.6	10-112				
2-Methylphenol	13.8	5.41	"	27.0	ND	51.1	10-134				
2-Nitroaniline	27.5	5.41	"	27.0	ND	102	25-110				
2-Nitrophenol	28.5	5.41	"	27.0	ND	105	10-139				
3- & 4-Methylphenols	11.1	5.41	"	27.0	ND	41.2	10-91				
3,3-Dichlorobenzidine	12.4	5.41	"	27.0	ND	45.7	10-140				
3-Nitroaniline	21.7	5.41	"	27.0	ND	80.4	22-111				
4,6-Dinitro-2-methylphenol	28.6	5.41	"	27.0	ND	106	10-140				
4-Bromophenyl phenyl ether	21.2	5.41	"	27.0	ND	78.5	30-108				
4-Chloro-3-methylphenol	24.5	5.41	"	27.0	ND	90.6	11-109				
4-Chloroaniline	14.2	5.41	"	27.0	ND	52.4	10-116				
4-Chlorophenyl phenyl ether	21.5	5.41	"	27.0	ND	79.6	39-85				
4-Nitroaniline	24.8	5.41	"	27.0	ND	91.9	11-132				
4-Nitrophenol	17.2	5.41	"	27.0	ND	63.6	10-82				
Acetophenone	20.9	5.41	"	27.0	ND	77.2	14-102				
Aniline	13.3	5.41	"	27.0	ND	49.2	10-80				
Benzaldehyde	21.4	5.41	"	27.0	ND	79.3	13-87				
Benzoic acid	11.9	5.41	"	27.0	ND	44.1	10-162				
Benzyl alcohol	15.6	5.41	"	27.0	ND	57.7	10-102				
Benzyl butyl phthalate	30.2	5.41	"	27.0	ND	112	10-133				
Bis(2-chloroethoxy)methane	20.0	5.41	"	27.0	ND	74.1	18-105				
Bis(2-chloroethyl)ether	17.9	5.41	"	27.0	ND	66.1	10-108				
Bis(2-chloroisopropyl)ether	21.3	5.41	"	27.0	ND	78.7	13-116				
Caprolactam	3.15	5.41	"	27.0	ND	11.6	10-75				
Carbazole	23.4	5.41	"	27.0	ND	86.5	36-108				
Dibenzofuran	21.6	5.41	"	27.0	ND	79.9	34-92				
Diethyl phthalate	24.2	5.41	"	27.0	ND	89.4	33-98				
Dimethyl phthalate	23.1	5.41	"	27.0	ND	85.4	18-116				
Di-n-butyl phthalate	24.5	5.41	"	27.0	ND	90.7	25-97				
Di-n-octyl phthalate	33.0	5.41	"	27.0	ND	122	10-137				
Diphenylamine	22.3	5.41	"	27.0	ND	82.5	40-140				
Hexachlorocyclopentadiene	12.1	10.8	"	27.0	ND	44.9	10-79				
Isophorone	22.5	5.41	"	27.0	ND	83.2	25-103				
N-nitroso-di-n-propylamine	20.1	5.41	"	27.0	ND	74.2	19-115				
N-Nitrosodiphenylamine	22.9	5.41	"	27.0	ND	84.8	31-112				
Phenol	8.77	5.41	"	27.0	ND	32.4	10-61				
Pyridine	8.15	5.41	"	29.7	ND	27.4	10-78				
Surrogate: SURR: 2-Fluorophenol	*22.8*		*"*	*54.1*		*42.2*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00593 - EPA 3510C											
Matrix Spike (BE00593-MS1) Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)								Prepared: 05/14/2020 Analyzed: 05/15/2020		
Surrogate: SURR: Phenol-d5	*13.6*		*ug/L*	*54.1*		*25.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*27.8*		*"*	*27.0*		*103*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.1*		*"*	*27.0*		*74.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*46.9*		*"*	*54.1*		*86.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*26.9*		*"*	*27.0*		*99.7*	*30.7-106*				
Matrix Spike Dup (BE00593-M Matrix Spike Dup	*Source sample: 20E0279-01 (MW13_051120)								Prepared: 05/14/2020 Analyzed: 05/15/2020		
1,1-Biphenyl	19.6	5.41	ug/L	27.0	ND	72.7	26-79		11.2	25	
1,2,4,5-Tetrachlorobenzene	21.4	5.41	"	27.1	ND	79.0	33-90		10.3	25	
1,2-Diphenylhydrazine (as Azobenzene)	19.7	5.41	"	27.0	ND	72.8	21-107		5.24	25	
2,3,4,6-Tetrachlorophenol	33.2	5.41	"	27.0	ND	123	30-130		5.79	25	
2,4,5-Trichlorophenol	19.1	5.41	"	27.0	ND	70.8	43-96		9.32	25	
2,4,6-Trichlorophenol	20.2	5.41	"	27.0	ND	74.9	46-94		12.3	25	
2,4-Dichlorophenol	20.9	5.41	"	27.0	ND	77.2	26-101		10.8	25	
2,4-Dimethylphenol	20.0	5.41	"	27.0	ND	74.0	10-104		6.94	25	
2,4-Dinitrophenol	29.1	5.41	"	27.0	ND	108	10-146		6.89	25	
2,4-Dinitrotoluene	24.0	5.41	"	27.0	ND	88.6	30-108		12.2	25	
2,6-Dinitrotoluene	25.9	5.41	"	27.0	ND	95.9	38-98		6.14	25	
2-Chloronaphthalene	17.8	5.41	"	27.0	ND	66.0	30-89		8.30	25	
2-Chlorophenol	16.7	5.41	"	27.0	ND	61.7	24-98		14.6	25	
2-Methylnaphthalene	21.1	5.41	"	27.0	ND	78.2	10-112		11.2	25	
2-Methylphenol	12.3	5.41	"	27.0	ND	45.5	10-134		11.6	25	
2-Nitroaniline	26.3	5.41	"	27.0	ND	97.2	25-110		4.51	25	
2-Nitrophenol	25.4	5.41	"	27.0	ND	94.0	10-139		11.5	25	
3- & 4-Methylphenols	10.2	5.41	"	27.0	ND	37.6	10-91		9.13	25	
3,3-Dichlorobenzidine	11.4	5.41	"	27.0	ND	42.1	10-140		8.20	25	
3-Nitroaniline	22.1	5.41	"	27.0	ND	81.8	22-111		1.73	25	
4,6-Dinitro-2-methylphenol	28.2	5.41	"	27.0	ND	104	10-140		1.56	25	
4-Bromophenyl phenyl ether	19.2	5.41	"	27.0	ND	71.2	30-108		9.83	25	
4-Chloro-3-methylphenol	23.5	5.41	"	27.0	ND	87.1	11-109		3.92	25	
4-Chloroaniline	14.3	5.41	"	27.0	ND	53.0	10-116		1.21	25	
4-Chlorophenyl phenyl ether	19.2	5.41	"	27.0	ND	71.1	39-85		11.3	25	
4-Nitroaniline	24.4	5.41	"	27.0	ND	90.4	11-132		1.62	25	
4-Nitrophenol	19.6	5.41	"	27.0	ND	72.5	10-82		13.1	25	
Acetophenone	18.7	5.41	"	27.0	ND	69.1	14-102		11.1	25	
Aniline	11.8	5.41	"	27.0	ND	43.8	10-80		11.5	25	
Benzaldehyde	18.3	5.41	"	27.0	ND	67.6	13-87		15.9	25	
Benzoic acid	11.2	5.41	"	27.0	ND	41.6	10-162		5.89	25	
Benzyl alcohol	14.0	5.41	"	27.0	ND	52.0	10-102		10.4	25	
Benzyl butyl phthalate	29.2	5.41	"	27.0	ND	108	10-133		3.31	25	
Bis(2-chloroethoxy)methane	18.1	5.41	"	27.0	ND	67.0	18-105		9.98	25	
Bis(2-chloroethyl)ether	16.0	5.41	"	27.0	ND	59.0	10-108		11.3	25	
Bis(2-chloroisopropyl)ether	18.8	5.41	"	27.0	ND	69.6	13-116		12.3	25	
Caprolactam	3.42	5.41	"	27.0	ND	12.6	10-75		8.24	25	
Carbazole	22.6	5.41	"	27.0	ND	83.5	36-108		3.53	25	
Dibenzofuran	19.8	5.41	"	27.0	ND	73.4	34-92		8.46	25	
Diethyl phthalate	22.4	5.41	"	27.0	ND	82.8	33-98		7.62	25	
Dimethyl phthalate	21.3	5.41	"	27.0	ND	78.7	18-116		8.14	25	
Di-n-butyl phthalate	23.2	5.41	"	27.0	ND	85.8	25-97		5.53	25	
Di-n-octyl phthalate	31.3	5.41	"	27.0	ND	116	10-137		5.48	25	
Diphenylamine	21.8	5.41	"	27.0	ND	80.7	40-140		2.25	25	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

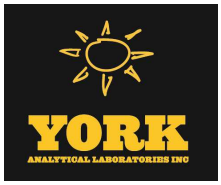
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00593 - EPA 3510C											
Matrix Spike Dup (BE00593-M Matrix Spike Dup *Source sample: 20E0279-01 (MW13_051120)									Prepared: 05/14/2020 Analyzed: 05/15/2020		
Hexachlorocyclopentadiene	10.3	10.8	ug/L	27.0	ND	38.2	10-79		16.2	25	
Isophorone	21.0	5.41	"	27.0	ND	77.6	25-103		6.91	25	
N-nitroso-di-n-propylamine	17.3	5.41	"	27.0	ND	64.0	19-115		14.8	25	
N-Nitrosodiphenylamine	21.7	5.41	"	27.0	ND	80.2	31-112		5.53	25	
Phenol	7.87	5.41	"	27.0	ND	29.1	10-61		10.8	25	
Pyridine	7.38	5.41	"	29.7	ND	24.8	10-78		9.88	25	
Surrogate: SURR: 2-Fluorophenol	*20.6*		*"*	*54.1*		*38.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*12.1*		*"*	*54.1*		*22.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*24.0*		*"*	*27.0*		*89.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.9*		*"*	*27.0*		*66.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.0*		*"*	*54.1*		*83.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*26.7*		*"*	*27.0*		*98.8*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00488 - EPA 3535A												
Blank (BE00488-BLK1)	Blank								Prepared & Analyzed: 05/13/2020			
1,4-Dioxane		ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8		*4.40*		*"*	*5.00*		*88.0*	*36.6-118*				
LCS (BE00488-BS1)	LCS								Prepared & Analyzed: 05/13/2020			
1,4-Dioxane		5.00	0.200	ug/L	5.00		100	50-130				
Surrogate: 1,4-Dioxane-d8		*4.20*		*"*	*5.00*		*84.0*	*36.6-118*				
Matrix Spike (BE00488-MS1)	Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/13/2020			
1,4-Dioxane		4.00	0.200	ug/L	5.00	ND	80.0	50-130				
Surrogate: 1,4-Dioxane-d8		*4.00*		*"*	*5.00*		*80.0*	*50-130*				
Matrix Spike Dup (BE00488-M	Matrix Spike Dup	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/13/2020			
1,4-Dioxane		4.00	0.200	ug/L	5.00	ND	80.0	50-130		0.00	30	
Surrogate: 1,4-Dioxane-d8		*4.20*		*"*	*5.00*		*84.0*	*50-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

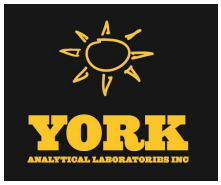
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00519 - SPE Ext-PFAS-EPA 537.1M											
Blank (BE00519-BLK1) Blank									Prepared: 05/13/2020 Analyzed: 05/15/2020		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	0.833	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	2.24	2.00	"								
Surrogate: M3PFBS	*43.2*		"	*74.3*		*58.1*	*25-150*				
Surrogate: M5PFHxA	*47.3*		"	*80.0*		*59.1*	*25-150*				
Surrogate: M4PFHpA	*43.4*		"	*80.0*		*54.2*	*25-150*				
Surrogate: M3PFHxS	*44.1*		"	*75.7*		*58.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*56.0*		"	*80.0*		*70.0*	*25-150*				
Surrogate: M6PFDA	*47.4*		"	*80.0*		*59.3*	*25-150*				
Surrogate: M7PFUdA	*47.7*		"	*80.0*		*59.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*44.3*		"	*80.0*		*55.4*	*25-150*				
Surrogate: M2PFTeDA	*38.0*		"	*80.0*		*47.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*57.8*		"	*80.0*		*72.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*45.5*		"	*76.6*		*59.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*52.5*		"	*80.0*		*65.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*44.8*		"	*80.0*		*56.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*50.9*		"	*80.0*		*63.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.9*		"	*80.0*		*63.6*	*25-150*				
Surrogate: M2-6:2 FTS	*241*		"	*75.9*		*317*	*25-150*				
Surrogate: M2-8:2 FTS	*105*		"	*76.6*		*137*	*25-150*				
Surrogate: M9PFNA	*46.1*		"	*80.0*		*57.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

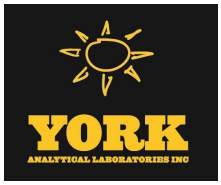
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00519 - SPE Ext-PFAS-EPA 537.1M											
LCS (BE00519-BS1) LCS									Prepared: 05/13/2020 Analyzed: 05/14/2020		
Perfluorobutanesulfonic acid (PFBS)	62.0	2.00	ng/L	70.8		87.6	50-130				
Perfluorohexanoic acid (PFHxA)	71.7	2.00	"	80.0		89.7	50-130				
Perfluoroheptanoic acid (PFHpA)	70.5	2.00	"	80.0		88.1	50-130				
Perfluorohexanesulfonic acid (PFHxS)	53.2	2.00	"	59.2		89.9	50-130				
Perfluorooctanoic acid (PFOA)	66.0	2.00	"	80.0		82.4	50-130				
Perfluorooctanesulfonic acid (PFOS)	46.8	2.00	"	58.4		80.2	50-130				
Perfluorononanoic acid (PFNA)	63.4	2.00	"	76.8		82.6	50-130				
Perfluorodecanoic acid (PFDA)	71.0	2.00	"	80.0		88.8	50-130				
Perfluoroundecanoic acid (PFUnA)	71.9	2.00	"	80.0		89.8	50-130				
Perfluorododecanoic acid (PFDoA)	70.1	2.00	"	80.0		87.7	50-130				
Perfluorotridecanoic acid (PFTrDA)	67.3	2.00	"	80.0		84.1	50-130				
Perfluorotetradecanoic acid (PFTA)	67.7	2.00	"	80.0		84.6	50-130				
N-MeFOSAA	64.5	2.00	"	80.0		80.6	50-130				
N-EtFOSAA	64.3	2.00	"	80.0		80.4	50-130				
Perfluoropentanoic acid (PFPeA)	67.5	2.00	"	80.0		84.4	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	67.9	2.00	"	80.0		84.8	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	69.3	2.00	"	79.6		87.1	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	65.4	2.00	"	77.2		84.8	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	64.3	5.00	"	76.0		84.6	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	59.8	2.00	"	76.8		77.8	50-130				
Perfluoro-n-butanoic acid (PFBA)	71.3	2.00	"	80.0		89.2	50-130				
Surrogate: M3PFBS	*50.8*		"	*74.3*		*68.3*	*25-150*				
Surrogate: M5PFHxA	*53.2*		"	*80.0*		*66.6*	*25-150*				
Surrogate: M4PFHpA	*51.1*		"	*80.0*		*63.9*	*25-150*				
Surrogate: M3PFHxS	*48.7*		"	*75.7*		*64.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*60.2*		"	*80.0*		*75.3*	*25-150*				
Surrogate: M6PFDA	*55.0*		"	*80.0*		*68.8*	*25-150*				
Surrogate: M7PFUdA	*53.6*		"	*80.0*		*66.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*53.5*		"	*80.0*		*66.9*	*25-150*				
Surrogate: M2PFTeDA	*50.5*		"	*80.0*		*63.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*35.2*		"	*80.0*		*44.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.2*		"	*76.6*		*69.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*57.4*		"	*80.0*		*71.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*50.4*		"	*80.0*		*63.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.5*		"	*80.0*		*71.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*49.5*		"	*80.0*		*61.8*	*25-150*				
Surrogate: M2-6:2 FTS	*231*		"	*75.9*		*304*	*25-150*				
Surrogate: M2-8:2 FTS	*117*		"	*76.6*		*153*	*25-150*				
Surrogate: M9PFNA	*46.6*		"	*80.0*		*58.2*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00519 - SPE Ext-PFAS-EPA 537.1M											
Matrix Spike (BE00519-MS1) Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared: 05/13/2020 Analyzed: 05/15/2020			
Perfluorobutanesulfonic acid (PFBS)	69.4	2.00	ng/L	70.8	2.21	94.9	25-150				
Perfluorohexanoic acid (PFHxA)	81.7	2.00	"	80.0	6.21	94.3	25-150				
Perfluoroheptanoic acid (PFHpA)	80.3	2.00	"	80.0	6.49	92.3	25-150				
Perfluorohexanesulfonic acid (PFHxS)	67.4	2.00	"	59.2	1.16	112	25-150				
Perfluorooctanoic acid (PFOA)	136	2.00	"	80.0	65.8	87.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	81.8	2.00	"	58.4	9.58	124	25-150				
Perfluorononanoic acid (PFNA)	65.7	2.00	"	76.8	1.97	82.9	25-150				
Perfluorodecanoic acid (PFDA)	72.6	2.00	"	80.0	ND	90.8	25-150				
Perfluoroundecanoic acid (PFUnA)	71.5	2.00	"	80.0	ND	89.4	25-150				
Perfluorododecanoic acid (PFDoA)	73.2	2.00	"	80.0	ND	91.4	25-150				
Perfluorotridecanoic acid (PFTrDA)	64.0	2.00	"	80.0	ND	80.0	25-150				
Perfluorotetradecanoic acid (PFTA)	72.6	2.00	"	80.0	ND	90.8	25-150				
N-MeFOSAA	72.9	2.00	"	80.0	ND	91.1	25-150				
N-EtFOSAA	77.7	2.00	"	80.0	ND	97.2	25-150				
Perfluoropentanoic acid (PFPeA)	79.0	2.00	"	80.0	5.51	91.8	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	72.8	2.00	"	80.0	ND	91.0	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	75.4	2.00	"	79.6	ND	94.7	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	50.3	2.00	"	77.2	ND	65.2	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	66.1	5.00	"	76.0	ND	87.0	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	68.1	2.00	"	76.8	ND	88.7	25-150				
Perfluoro-n-butanoic acid (PFBA)	81.0	2.00	"	80.0	8.58	90.5	25-150				
Surrogate: M3PFBS	*50.2*		"	*74.3*		*67.5*	*25-150*				
Surrogate: M5PFHxA	*50.9*		"	*80.0*		*63.6*	*25-150*				
Surrogate: M4PFHpA	*51.0*		"	*80.0*		*63.7*	*25-150*				
Surrogate: M3PFHxS	*54.5*		"	*75.7*		*72.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*53.0*		"	*80.0*		*66.2*	*25-150*				
Surrogate: M6PFDA	*47.9*		"	*80.0*		*59.9*	*25-150*				
Surrogate: M7PFUdA	*44.2*		"	*80.0*		*55.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*36.6*		"	*80.0*		*45.7*	*25-150*				
Surrogate: M2PFTeDA	*25.4*		"	*80.0*		*31.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*60.6*		"	*80.0*		*75.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*55.6*		"	*76.6*		*72.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*48.5*		"	*80.0*		*60.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.3*		"	*80.0*		*31.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*56.0*		"	*80.0*		*70.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*45.1*		"	*80.0*		*56.4*	*25-150*				
Surrogate: M2-6:2 FTS	*288*		"	*75.9*		*380*	*25-150*				
Surrogate: M2-8:2 FTS	*103*		"	*76.6*		*135*	*25-150*				
Surrogate: M9PFNA	*56.0*		"	*80.0*		*70.0*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00519 - SPE Ext-PFAS-EPA 537.1M											
Matrix Spike Dup (BE00519-M Matrix Spike Dup	*Source sample: 20E0279-01 (MW13_051120)								Prepared: 05/13/2020 Analyzed: 05/15/2020		
Perfluorobutanesulfonic acid (PFBS)	73.0	2.00	ng/L	70.8	2.21	99.9	25-150		5.02	35	
Perfluorohexanoic acid (PFHxA)	83.1	2.00	"	80.0	6.21	96.1	25-150		1.70	35	
Perfluoroheptanoic acid (PFHpA)	82.7	2.00	"	80.0	6.49	95.2	25-150		2.87	35	
Perfluorohexanesulfonic acid (PFHxS)	72.4	2.00	"	59.2	1.16	120	25-150		7.15	35	
Perfluorooctanoic acid (PFOA)	144	2.00	"	80.0	65.8	98.2	25-150		6.25	35	
Perfluorooctanesulfonic acid (PFOS)	86.3	2.00	"	58.4	9.58	131	25-150		5.29	35	
Perfluorononanoic acid (PFNA)	73.0	2.00	"	76.8	1.97	92.5	25-150		10.6	35	
Perfluorodecanoic acid (PFDA)	79.1	2.00	"	80.0	ND	98.9	25-150		8.52	35	
Perfluoroundecanoic acid (PFUnA)	79.0	2.00	"	80.0	ND	98.7	25-150		9.91	35	
Perfluorododecanoic acid (PFDoA)	75.9	2.00	"	80.0	ND	94.8	25-150		3.61	35	
Perfluorotridecanoic acid (PFTrDA)	64.1	2.00	"	80.0	ND	80.1	25-150		0.166	35	
Perfluorotetradecanoic acid (PFTA)	76.3	2.00	"	80.0	ND	95.3	25-150		4.87	35	
N-MeFOSAA	75.5	2.00	"	80.0	ND	94.4	25-150		3.51	35	
N-EtFOSAA	76.9	2.00	"	80.0	ND	96.2	25-150		0.998	35	
Perfluoropentanoic acid (PFPeA)	82.8	2.00	"	80.0	5.51	96.6	25-150		4.75	35	
Perfluoro-1-octanesulfonamide (FOSA)	81.8	2.00	"	80.0	ND	102	25-150		11.7	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	81.0	2.00	"	79.6	ND	102	25-150		7.17	35	
Perfluoro-1-decanesulfonic acid (PFDS)	51.3	2.00	"	77.2	ND	66.4	25-150		1.88	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	69.0	5.00	"	76.0	ND	90.8	25-150		4.33	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	77.0	2.00	"	76.8	ND	100	25-150		12.2	35	
Perfluoro-n-butanoic acid (PFBA)	85.5	2.00	"	80.0	8.58	96.1	25-150		5.40	35	
Surrogate: M3PFBS	*43.9*		"	*74.3*		*59.1*	*25-150*				
Surrogate: M5PFHxA	*45.9*		"	*80.0*		*57.4*	*25-150*				
Surrogate: M4PFHpA	*46.4*		"	*80.0*		*58.0*	*25-150*				
Surrogate: M3PFHxS	*47.8*		"	*75.7*		*63.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*48.4*		"	*80.0*		*60.5*	*25-150*				
Surrogate: M6PFDA	*44.8*		"	*80.0*		*56.0*	*25-150*				
Surrogate: M7PFUdA	*40.3*		"	*80.0*		*50.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*33.9*		"	*80.0*		*42.3*	*25-150*				
Surrogate: M2PFTeDA	*24.0*		"	*80.0*		*30.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*52.0*		"	*80.0*		*65.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*48.2*		"	*76.6*		*63.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*43.2*		"	*80.0*		*54.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.4*		"	*80.0*		*27.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*51.8*		"	*80.0*		*64.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*42.8*		"	*80.0*		*53.5*	*25-150*				
Surrogate: M2-6:2 FTS	*242*		"	*75.9*		*318*	*25-150*				
Surrogate: M2-8:2 FTS	*92.2*		"	*76.6*		*120*	*25-150*				
Surrogate: M9PFNA	*48.7*		"	*80.0*		*60.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00554 - EPA SW846-3510C Low Level											
Matrix Spike (BE00554-MS1) Matrix Spike *Source sample: 20E0279-01 (MW13_051120)								Prepared: 05/14/2020 Analyzed: 05/15/2020			
4,4'-DDD	0.105	0.00444	ug/L	0.111	ND	94.5	30-150				
4,4'-DDE	0.106	0.00444	"	0.111	ND	95.5	30-150				
4,4'-DDT	0.118	0.00444	"	0.111	ND	107	30-150				
Aldrin	0.0861	0.00444	"	0.111	ND	77.5	30-150				
alpha-BHC	0.0835	0.00444	"	0.111	ND	75.2	30-150				
alpha-Chlordane	0.0953	0.00444	"	0.111	ND	85.8	30-150				
beta-BHC	0.0963	0.00444	"	0.111	ND	86.7	30-150				
delta-BHC	0.107	0.00444	"	0.111	ND	96.3	30-150				
Dieldrin	0.101	0.00222	"	0.111	ND	91.2	30-150				
Endosulfan I	0.0953	0.00444	"	0.111	ND	85.7	30-150				
Endosulfan II	0.105	0.00444	"	0.111	ND	94.3	30-150				
Endosulfan sulfate	0.116	0.00444	"	0.111	ND	104	30-150				
Endrin	0.105	0.00444	"	0.111	ND	94.3	30-150				
Endrin aldehyde	0.106	0.0111	"	0.111	ND	95.5	30-150				
Endrin ketone	0.103	0.0111	"	0.111	ND	93.1	30-150				
gamma-BHC (Lindane)	0.0913	0.00444	"	0.111	ND	82.2	30-150				
gamma-Chlordane	0.0976	0.0111	"	0.111	ND	87.8	30-150				
Heptachlor	0.0946	0.00444	"	0.111	ND	85.1	30-150				
Heptachlor epoxide	0.0966	0.00444	"	0.111	ND	86.9	30-150				
Methoxychlor	0.102	0.00444	"	0.111	ND	92.0	30-150				
Surrogate: Tetrachloro-m-xylene	*0.150*		"	*0.222*		*67.3*	*30-150*				
Matrix Spike Dup (BE00554-M Matrix Spike Dup *Source sample: 20E0279-01 (MW13_051120)								Prepared: 05/14/2020 Analyzed: 05/15/2020			
4,4'-DDD	0.103	0.00444	ug/L	0.111	ND	92.9	30-150		1.69	20	
4,4'-DDE	0.103	0.00444	"	0.111	ND	92.8	30-150		2.86	20	
4,4'-DDT	0.130	0.00444	"	0.111	ND	117	30-150		9.66	20	
Aldrin	0.0803	0.00444	"	0.111	ND	72.2	30-150		7.03	20	
alpha-BHC	0.0837	0.00444	"	0.111	ND	75.4	30-150		0.252	20	
alpha-Chlordane	0.0928	0.00444	"	0.111	ND	83.6	30-150		2.60	20	
beta-BHC	0.0955	0.00444	"	0.111	ND	86.0	30-150		0.828	20	
delta-BHC	0.104	0.00444	"	0.111	ND	93.4	30-150		3.11	20	
Dieldrin	0.0987	0.00222	"	0.111	ND	88.8	30-150		2.68	20	
Endosulfan I	0.0935	0.00444	"	0.111	ND	84.2	30-150		1.82	20	
Endosulfan II	0.103	0.00444	"	0.111	ND	92.6	30-150		1.89	20	
Endosulfan sulfate	0.115	0.00444	"	0.111	ND	104	30-150		0.275	20	
Endrin	0.102	0.00444	"	0.111	ND	91.8	30-150		2.70	20	
Endrin aldehyde	0.108	0.0111	"	0.111	ND	97.5	30-150		2.13	20	
Endrin ketone	0.105	0.0111	"	0.111	ND	94.1	30-150		1.10	20	
gamma-BHC (Lindane)	0.0898	0.00444	"	0.111	ND	80.8	30-150		1.66	20	
gamma-Chlordane	0.0958	0.0111	"	0.111	ND	86.2	30-150		1.82	20	
Heptachlor	0.0918	0.00444	"	0.111	ND	82.6	30-150		2.99	20	
Heptachlor epoxide	0.0939	0.00444	"	0.111	ND	84.5	30-150		2.74	20	
Methoxychlor	0.101	0.00444	"	0.111	ND	90.7	30-150		1.40	20	
Surrogate: Tetrachloro-m-xylene	*0.143*		"	*0.222*		*64.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-P Performance Mix									Prepared & Analyzed: 03/08/2020		
4,4'-DDD	4.80		ng/mL	0.00			0-200				
4,4'-DDE	0.964		"	0.00			0-200				
4,4'-DDT	206		"	200		103	0-200				
Endrin	98.0		"	100		98.0	0-200				
Endrin aldehyde	0.511		"	0.00			0-200				
Endrin ketone	3.00		"	0.00			0-200				
Batch Y0E1804 - BE00591											
Performance Mix (Y0E1804-P Performance Mix									Prepared & Analyzed: 05/15/2020		
4,4'-DDD	12.6		ng/mL	0.00			0-200				
4,4'-DDE	1.39		"	0.00			0-200				
4,4'-DDT	193		"	200		96.3	0-200				
Endrin	104		"	100		104	0-200				
Endrin aldehyde	1.43		"	0.00			0-200				
Endrin ketone	4.50		"	0.00			0-200				
Performance Mix (Y0E1804-P Performance Mix									Prepared & Analyzed: 05/15/2020		
4,4'-DDD	14.2		ng/mL	0.00			0-200				
4,4'-DDE	1.46		"	0.00			0-200				
4,4'-DDT	221		"	200		110	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	1.09		"	0.00			0-200				
Endrin ketone	5.23		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00554 - EPA SW846-3510C Low Level											
Blank (BE00554-BLK2) Blank								Prepared & Analyzed: 05/14/2020			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1262	ND	0.0500	"								
Aroclor 1268	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.129*		"	*0.200*		*64.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.127*		"	*0.200*		*63.5*	*30-120*				
LCS (BE00554-BS2) LCS								Prepared & Analyzed: 05/14/2020			
Aroclor 1016	0.897	0.0500	ug/L	1.00		89.7	40-120				
Aroclor 1260	1.01	0.0500	"	1.00		101	40-120				
Surrogate: Tetrachloro-m-xylene	*0.147*		"	*0.200*		*73.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.146*		"	*0.200*		*73.0*	*30-120*				
Matrix Spike (BE00554-MS2) Matrix Spike *Source sample: 20E0279-01 (MW13_051120)								Prepared & Analyzed: 05/14/2020			
Aroclor 1016	0.953	0.0556	ug/L	1.11	ND	85.8	40-140				
Aroclor 1260	1.11	0.0556	"	1.11	ND	99.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.159*		"	*0.222*		*71.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.158*		"	*0.222*		*71.0*	*30-120*				
Matrix Spike Dup (BE00554-M Matrix Spike Dup *Source sample: 20E0279-01 (MW13_051120)								Prepared & Analyzed: 05/14/2020			
Aroclor 1016	0.908	0.0556	ug/L	1.11	ND	81.7	40-140		4.85	50	
Aroclor 1260	1.17	0.0556	"	1.11	ND	106	40-140		5.75	50	
Surrogate: Tetrachloro-m-xylene	*0.149*		"	*0.222*		*67.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.170*		"	*0.222*		*76.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0E1432 - BE00549											
Aroclor Reference (Y0E1432- Aroclor Reference									Prepared & Analyzed: 05/14/2020		
Surrogate: Tetrachloro-m-xylene	*0.180*		*ug/mL*	*0.200*		*90.0*					
Surrogate: Decachlorobiphenyl	*0.207*		*"*	*0.200*		*104*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00453 - EPA 3015A											
Blank (BE00453-BLK1) Blank									Prepared: 05/12/2020 Analyzed: 05/15/2020		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE00453-BS1) LCS									Prepared: 05/12/2020 Analyzed: 05/15/2020		
Aluminum	1.85		ug/mL	2.00		92.3	80-120				
Barium	1.94		"	2.00		96.8	80-120				
Calcium	0.988		"	1.00		98.8	80-120				
Chromium	0.201		"	0.200		100	80-120				
Cobalt	0.499		"	0.500		99.8	80-120				
Copper	0.242		"	0.250		96.8	80-120				
Iron	0.939		"	1.00		93.9	80-120				
Lead	0.466		"	0.500		93.3	80-120				
Magnesium	0.921		"	1.00		92.1	80-120				
Manganese	0.483		"	0.500		96.5	80-120				
Nickel	0.479		"	0.500		95.8	80-120				
Potassium	0.812		"	1.00		81.2	80-120				
Silver	0.0459		"	0.0500		91.9	80-120				
Sodium	0.932		"	1.00		93.2	80-120				
Vanadium	0.470		"	0.500		93.9	80-120				
Zinc	0.477		"	0.500		95.3	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00453 - EPA 3015A											
Duplicate (BE00453-DUP1) Duplicate	*Source sample: 20E0279-01 (MW13_051120)								Prepared: 05/12/2020 Analyzed: 05/15/2020		
Aluminum	0.138	0.0556	mg/L		0.110				23.1	20	Non-dir.
Barium	0.100	0.0278	"		0.105				4.60	20	
Calcium	60.9	0.0556	"		61.2				0.500	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	5.65	0.278	"		5.54				1.98	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	26.4	0.0556	"		26.2				0.481	20	
Manganese	1.49	0.00556	"		1.52				1.93	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	7.45	0.0556	"		7.38				0.834	20	
Silver	ND	0.00556	"		ND					20	
Sodium	40.3	0.556	"		39.9				1.13	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	
Matrix Spike (BE00453-MS1) Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)								Prepared: 05/12/2020 Analyzed: 05/15/2020		
Aluminum	2.22	0.0556	mg/L	2.22	0.110	94.8	75-125				
Barium	2.24	0.0278	"	2.22	0.105	95.9	75-125				
Calcium	60.8	0.0556	"	1.11	61.2	NR	75-125	Low Bias			
Chromium	0.224	0.00556	"	0.222	ND	101	75-125				
Cobalt	0.542	0.00444	"	0.556	ND	97.5	75-125				
Copper	0.278	0.0222	"	0.278	ND	100	75-125				
Iron	6.52	0.278	"	1.11	5.54	88.5	75-125				
Lead	0.506	0.00556	"	0.556	ND	91.0	75-125				
Magnesium	27.1	0.0556	"	1.11	26.2	74.7	75-125	Low Bias			
Manganese	2.01	0.00556	"	0.556	1.52	88.0	75-125				
Nickel	0.542	0.0111	"	0.556	ND	97.5	75-125				
Potassium	8.46	0.0556	"	1.11	7.38	97.2	75-125				
Silver	0.0515	0.00556	"	0.0556	ND	92.7	75-125				
Sodium	41.1	0.556	"	1.11	39.9	111	75-125				
Vanadium	0.529	0.0111	"	0.556	ND	95.2	75-125				
Zinc	0.521	0.0278	"	0.556	ND	93.8	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00453 - EPA 3015A											
Post Spike (BE00453-PS1) Post Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared: 05/12/2020 Analyzed: 05/15/2020			
Aluminum	2.17		ug/mL	2.00	0.0986	103	75-125				
Barium	2.14		"	2.00	0.0943	102	75-125				
Calcium	55.6		"	1.00	55.1	50.5	75-125	Low Bias			
Chromium	0.216		"	0.200	0.00209	107	75-125				
Cobalt	0.521		"	0.500	-0.000259	104	75-125				
Copper	0.266		"	0.250	0.00502	104	75-125				
Iron	6.00		"	1.00	4.98	102	75-125				
Lead	0.481		"	0.500	-0.00238	96.2	75-125				
Magnesium	24.5		"	1.00	23.6	92.2	75-125				
Manganese	1.83		"	0.500	1.37	93.8	75-125				
Nickel	0.519		"	0.500	-0.000162	104	75-125				
Potassium	7.73		"	1.00	6.64	108	75-125				
Silver	0.0434		"	0.0500	-0.00256	86.9	75-125				
Sodium	37.3		"	1.00	35.9	139	75-125	High Bias			
Vanadium	0.506		"	0.500	0.000223	101	75-125				
Zinc	0.503		"	0.500	0.0150	97.7	75-125				
Batch BE00703 - EPA 3015A											
Blank (BE00703-BLK1) Blank								Prepared & Analyzed: 05/18/2020			
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	0.105	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00703 - EPA 3015A											
LCS (BE00703-BS1) LCS								Prepared & Analyzed: 05/18/2020			
Aluminum - Dissolved	2.04		ug/mL	2.00		102	80-120				
Barium - Dissolved	2.05		"	2.00		103	80-120				
Calcium - Dissolved	1.05		"	1.00		105	80-120				
Chromium - Dissolved	0.203		"	0.200		102	80-120				
Cobalt - Dissolved	0.525		"	0.500		105	80-120				
Copper - Dissolved	0.254		"	0.250		102	80-120				
Iron - Dissolved	1.03		"	1.00		103	80-120				
Lead - Dissolved	0.497		"	0.500		99.3	80-120				
Magnesium - Dissolved	1.07		"	1.00		107	80-120				
Manganese - Dissolved	0.510		"	0.500		102	80-120				
Nickel - Dissolved	0.503		"	0.500		101	80-120				
Potassium - Dissolved	1.01		"	1.00		101	80-120				
Silver - Dissolved	0.0434		"	0.0500		86.8	80-120				
Sodium - Dissolved	0.979		"	1.00		97.9	80-120				
Vanadium - Dissolved	0.497		"	0.500		99.4	80-120				
Zinc - Dissolved	0.510		"	0.500		102	80-120				
Duplicate (BE00703-DUP1) Duplicate	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/18/2020			
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.101	0.0278	"		0.102				0.499	20	
Calcium - Dissolved	63.4	0.0556	"		63.8				0.598	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	5.08	0.278	"		5.03				0.987	20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	25.5	0.0556	"		25.4				0.250	20	
Manganese - Dissolved	1.42	0.00556	"		1.42				0.0593	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	7.83	0.0556	"		7.30				7.01	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	47.6	0.556	"		47.3				0.512	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00703 - EPA 3015A											
Matrix Spike (BE00703-MS1) Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/18/2020			
Barium - Dissolved	2.26	0.0278	mg/L	2.22	0.102	97.1	75-125				
Chromium - Dissolved	0.227	0.00556	"	0.222	ND	102	75-125				
Cobalt - Dissolved	0.555	0.00444	"	0.556	ND	99.8	75-125				
Copper - Dissolved	0.277	0.0222	"	0.278	ND	99.8	75-125				
Iron - Dissolved	6.03	0.278	"	1.11	5.03	89.4	75-125				
Lead - Dissolved	0.522	0.00556	"	0.556	ND	93.9	75-125				
Manganese - Dissolved	1.93	0.00556	"	0.556	1.42	92.7	75-125				
Nickel - Dissolved	0.544	0.0111	"	0.556	ND	97.9	75-125				
Silver - Dissolved	0.0460	0.00556	"	0.0556	ND	82.9	75-125				
Vanadium - Dissolved	0.535	0.0111	"	0.556	ND	96.2	75-125				
Zinc - Dissolved	0.546	0.0278	"	0.556	ND	98.3	75-125				
Post Spike (BE00703-PS1) Post Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/18/2020			
Aluminum - Dissolved	2.05		ug/mL	2.00	-0.000997	103	75-125				
Barium - Dissolved	2.16		"	2.00	0.0918	103	75-125				
Calcium - Dissolved	59.0		"	1.00	57.4	156	75-125	High Bias			
Chromium - Dissolved	0.206		"	0.200	0.00121	102	75-125				
Cobalt - Dissolved	0.531		"	0.500	-0.000139	106	75-125				
Copper - Dissolved	0.261		"	0.250	0.00317	103	75-125				
Iron - Dissolved	5.68		"	1.00	4.53	115	75-125				
Lead - Dissolved	0.498		"	0.500	-0.00162	99.7	75-125				
Magnesium - Dissolved	24.4		"	1.00	22.9	157	75-125	High Bias			
Manganese - Dissolved	1.80		"	0.500	1.28	104	75-125				
Nickel - Dissolved	0.519		"	0.500	-0.00930	104	75-125				
Potassium - Dissolved	7.64		"	1.00	6.57	107	75-125				
Silver - Dissolved	0.0416		"	0.0500	-0.000425	83.2	75-125				
Sodium - Dissolved	44.0		"	1.00	42.6	138	75-125	High Bias			
Vanadium - Dissolved	0.506		"	0.500	0.000460	101	75-125				
Zinc - Dissolved	0.525		"	0.500	0.00862	103	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00452 - EPA 3015A											
Blank (BE00452-BLK1) Blank									Prepared: 05/12/2020 Analyzed: 05/13/2020		
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE00452-BS1) LCS									Prepared: 05/12/2020 Analyzed: 05/13/2020		
Antimony	40.7		ug/L	50.0		81.4	80-120				
Arsenic	44.6		"	50.0		89.1	80-120				
Beryllium	48.8		"	50.0		97.7	80-120				
Cadmium	42.0		"	50.0		84.1	80-120				
Selenium	47.6		"	50.0		95.1	80-120				
Thallium	44.1		"	50.0		88.2	80-120				
Duplicate (BE00452-DUP1) Duplicate *Source sample: 20E0279-01 (MW13_051120)									Prepared: 05/12/2020 Analyzed: 05/13/2020		
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BE00452-MS1) Matrix Spike *Source sample: 20E0279-01 (MW13_051120)									Prepared: 05/12/2020 Analyzed: 05/13/2020		
Antimony	42.6		ug/L	50.0	0.213	84.7	75-125				
Arsenic	45.9		"	50.0	0.909	90.0	75-125				
Beryllium	31.3		"	50.0	0.008	62.7	75-125	Low Bias			
Cadmium	43.6		"	50.0	0.014	87.1	75-125				
Selenium	45.3		"	50.0	0.058	90.4	75-125				
Thallium	41.2		"	50.0	0.010	82.5	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00704 - EPA 3015A											
Blank (BE00704-BLK1) Blank								Prepared & Analyzed: 05/18/2020			
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BE00704-BS1) LCS								Prepared & Analyzed: 05/18/2020			
Antimony - Dissolved	47.8		ug/L	50.0		95.5	80-120				
Arsenic - Dissolved	47.8		"	50.0		95.6	80-120				
Beryllium - Dissolved	49.8		"	50.0		99.5	80-120				
Cadmium - Dissolved	47.0		"	50.0		94.1	80-120				
Selenium - Dissolved	47.8		"	50.0		95.5	80-120				
Thallium - Dissolved	48.8		"	50.0		97.7	80-120				
Duplicate (BE00704-DUP1) Duplicate *Source sample: 20E0279-01 (MW13_051120)								Prepared & Analyzed: 05/18/2020			
Antimony - Dissolved	ND	1.11	ug/L		ND					20	
Arsenic - Dissolved	1.59	1.11	"		1.69				6.46	20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	ND	1.11	"		ND					20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BE00704-MS1) Matrix Spike *Source sample: 20E0279-01 (MW13_051120)								Prepared & Analyzed: 05/18/2020			
Antimony - Dissolved	47.6		ug/L	50.0	0.367	94.5	75-125				
Arsenic - Dissolved	52.9		"	50.0	1.52	103	75-125				
Beryllium - Dissolved	32.1		"	50.0	0.008	64.1	75-125	Low Bias			
Cadmium - Dissolved	48.2		"	50.0	0.014	96.4	75-125				
Selenium - Dissolved	51.6		"	50.0	-0.203	103	75-125				
Thallium - Dissolved	47.2		"	50.0	0.095	94.2	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00451 - EPA 7473 water											
Blank (BE00451-BLK1) Blank								Prepared & Analyzed: 05/12/2020			
Mercury - Dissolved	ND	0.0002000	mg/L								
Duplicate (BE00451-DUP1) Duplicate	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/12/2020			
Mercury - Dissolved	ND	0.0002000	mg/L		ND					20	
Matrix Spike (BE00451-MS1) Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/12/2020			
Mercury - Dissolved	0.01091		mg/L	0.0100	0.00004790	109	75-125				
Reference (BE00451-SRM1) Reference								Prepared & Analyzed: 05/12/2020			
Mercury - Dissolved	0.009819		mg/L	0.0100		98.2	70-130				
Batch BE00465 - EPA 7473 water											
Blank (BE00465-BLK1) Blank								Prepared & Analyzed: 05/12/2020			
Mercury	ND	0.00020	mg/L								
Duplicate (BE00465-DUP1) Duplicate	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/12/2020			
Mercury	0.000307	0.00020	mg/L		0.000317				3.24	20	
Matrix Spike (BE00465-MS1) Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/12/2020			
Mercury	0.0116		mg/L	0.0100	0.00032	113	75-125				
Reference (BE00465-SRM1) Reference								Prepared & Analyzed: 05/12/2020			
Mercury	0.0105		mg/L	0.0100		105	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00417 - Analysis Preparation												
Blank (BE00417-BLK1)	Blank								Prepared & Analyzed: 05/11/2020			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BE00417-BS1)	LCS								Prepared & Analyzed: 05/11/2020			
Chromium, Hexavalent		0.574	0.0100	mg/L	0.500		115	80-120				
Duplicate (BE00417-DUP1)	Duplicate	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/11/2020			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BE00417-MS1)	Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/11/2020			
Chromium, Hexavalent		0.0800	0.0100	mg/L	0.500	ND	16.0	75-125	Low Bias			
Batch BE00468 - Analysis Preparation												
Blank (BE00468-BLK1)	Blank								Prepared & Analyzed: 05/12/2020			
Cyanide, total		ND	0.0100	mg/L								
LCS (BE00468-BS1)	LCS								Prepared & Analyzed: 05/12/2020			
Cyanide, total		0.188	0.0100	mg/L	0.200		94.0	76.2-107				
Duplicate (BE00468-DUP1)	Duplicate	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/12/2020			
Cyanide, total		ND	0.0100	mg/L		ND					15	
Matrix Spike (BE00468-MS1)	Matrix Spike	*Source sample: 20E0279-01 (MW13_051120)							Prepared & Analyzed: 05/12/2020			
Cyanide, total		0.191	0.0100	mg/L	0.200	ND	95.6	79-105				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0279-01	MW13_051120	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0279-02	MW11_051120	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0279-03	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20E0279

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company: SAME
Address: 360 W 31st St 8th floor NY NY 10001	Address:	Address: SAME
Phone.: 212 479 5400	Phone.:	Phone.: SAME
Contact: Kim Semon	Contact: Dina Palazzolo	Contact: SAME
E-mail: KSemon@langan.com	E-mail: DPalazzolo@langan.com	E-mail: SAME

YOUR Project Number: 170610601

YOUR Project Name: 475 Bay St

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- **Standard (5-7 Day)** (✓)

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

Ethan Smith

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

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

- New York (✓)
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other: | | |

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW13_051120	GW	5/11/2020 900	{VOCs, SVOCs, PCBs, Pest, Herb, Metals total and dissolved (field filtered) PFAS 1,4 Dioxane	
MW 11_05 1120		1045		
GWMS01_051120		900		
GWMSD01_051120		900		

Comments: email CC Datamanagement@langan.com

MS/MSD = MW13_051120

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ethan Smith Langan	5/11/2020 1408		5/11/20 1408		5/11/20 1727
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBlocker	5/11/20 1727 / 3.8 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Report Date: 06/09/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0734

Revision No. 1.0

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

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

Report Date: 06/09/2020
Client Project ID: 170610601
York Project (SDG) No.: 20E0734

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Dina Palazzolo, Ms.

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 22, 2020 and listed below. The project was identified as your project: **170610601**.

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

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

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

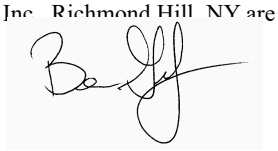
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20E0734-01	SB101_3-4	Soil	05/22/2020	05/22/2020
20E0734-02	SB102_4-5	Soil	05/22/2020	05/22/2020
20E0734-03	SB103_2.5-3.5	Soil	05/22/2020	05/22/2020
20E0734-04	SB104_4.5-5.5	Soil	05/22/2020	05/22/2020
20E0734-05	SB105_4-5	Soil	05/22/2020	05/22/2020
20E0734-06	SB106_4.5-5.5	Soil	05/22/2020	05/22/2020
20E0734-07	SB107_4.5-5.5	Soil	05/22/2020	05/22/2020
20E0734-08	SB108_7-9.5	Soil	05/22/2020	05/22/2020
20E0734-09	SB109_4-5	Soil	05/22/2020	05/22/2020
20E0734-11	SB110_9-10	Soil	05/22/2020	05/22/2020
20E0734-12	SB111_8-9	Soil	05/22/2020	05/22/2020
20E0734-13	SODUP04_052220	Soil	05/22/2020	05/22/2020
20E0734-14	SOFB04_052220	Water	05/22/2020	05/22/2020

General Notes for York Project (SDG) No.: 20E0734

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

Approved By: 

Date: 06/09/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:24	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**2.15**		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	**2,4-Dimethylphenol**	**0.725**		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**4.68**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	**2-Methylphenol**	**0.546**		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	**3- & 4-Methylphenols**	**1.47**		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**2.76**		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**16.1**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.202	0.404	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**14.1**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.202	0.404	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**34.7**		mg/kg dry	2.53	5.04	100	EPA 8270D	05/28/2020 07:55	05/29/2020 17:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**46.1**		mg/kg dry	2.53	5.04	100	EPA 8270D	05/28/2020 07:55	05/29/2020 17:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**38.0**		mg/kg dry	2.53	5.04	100	EPA 8270D	05/28/2020 07:55	05/29/2020 17:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**26.0**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**35.2**		mg/kg dry	2.53	5.04	100	EPA 8270D	05/28/2020 07:55	05/29/2020 17:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	**Carbazole**	**14.5**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**43.2**		mg/kg dry	2.53	5.04	100	EPA 8270D	05/28/2020 07:55	05/29/2020 17:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	**Dibenzo(a,h)anthracene**	**7.34**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	**Dibenzofuran**	**13.5**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**135**		mg/kg dry	2.53	5.04	100	EPA 8270D	05/28/2020 07:55	05/29/2020 17:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**14.2**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**26.1**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**15.3**		mg/kg dry	0.505	1.01	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**152**		mg/kg dry	2.53	5.04	100	EPA 8270D	05/28/2020 07:55	05/29/2020 17:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	**Phenol**	**1.25**		mg/kg dry	0.0505	0.101	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**107**		mg/kg dry	2.53	5.04	100	EPA 8270D	05/28/2020 07:55	05/29/2020 17:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.202	0.404	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*67.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.9 %*	*24-116*

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A	05/28/2020 07:50	05/28/2020 20:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A	05/28/2020 07:50	05/28/2020 20:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A	05/28/2020 07:50	05/28/2020 20:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A	05/28/2020 07:50	05/28/2020 20:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A	05/28/2020 07:50	05/28/2020 20:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A	05/28/2020 07:50	05/28/2020 20:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A	05/28/2020 07:50	05/28/2020 20:51	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A	05/28/2020 07:50	05/28/2020 20:51	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4720**		mg/kg dry	6.11	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.09**		mg/kg dry	1.83	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**147**		mg/kg dry	3.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.366	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1510**	B	mg/kg dry	6.11	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**23.1**		mg/kg dry	0.611	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**11.6**		mg/kg dry	0.489	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**89.1**		mg/kg dry	2.44	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19200**		mg/kg dry	30.5	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**329**		mg/kg dry	0.611	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5970**		mg/kg dry	6.11	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**348**		mg/kg dry	0.611	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**122**		mg/kg dry	1.22	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**567**		mg/kg dry	6.11	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.611	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**227**		mg/kg dry	61.1	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.3**		mg/kg dry	1.22	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**232**		mg/kg dry	3.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.234**		mg/kg dry	0.0366	1	EPA 7473	05/26/2020 12:16	05/26/2020 14:33	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.611	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB101_3-4 **York Sample ID:** 20E0734-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 8:45 am	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	23.1		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.9		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C	05/28/2020 06:45	06/01/2020 18:52	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0695**	J	mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.191	0.382	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.166**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.172**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.160**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.107**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.137**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.187**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.337**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.103**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.140**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.295**		mg/kg dry	0.0479	0.0955	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	05/28/2020 07:55	05/28/2020 18:42	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*37.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.3 %*	*24-116*

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	**Aroclor 1254**	**0.0993**		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:09	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.0993**		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:09	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8700**		mg/kg dry	5.84	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**5.54**		mg/kg dry	1.75	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**70.0**		mg/kg dry	2.92	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.350	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**39000**	B	mg/kg dry	5.84	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**36.1**		mg/kg dry	0.584	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**12.9**		mg/kg dry	0.467	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**46.7**		mg/kg dry	2.34	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14200**		mg/kg dry	29.2	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**95.7**		mg/kg dry	0.584	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**12800**		mg/kg dry	5.84	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**234**		mg/kg dry	0.584	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**146**		mg/kg dry	1.17	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**976**		mg/kg dry	5.84	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.584	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**423**		mg/kg dry	58.4	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.2**		mg/kg dry	1.17	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**76.0**		mg/kg dry	2.92	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.166**		mg/kg dry	0.0350	1	EPA 7473	05/26/2020 12:16	05/26/2020 14:42	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB102_4-5 **York Sample ID:** 20E0734-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:00 am	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	36.1		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.6		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.010**	J	mg/kg dry	0.0059	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:20	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.8 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0641**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.193	0.387	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.111**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.193	0.387	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.453**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.434**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.385**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.233**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.351**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	**Carbazole**	**0.0757**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.472**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	**Dibenzo(a,h)anthracene**	**0.0764**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**1.05**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.241**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.552**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.826**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.193	0.387	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*71.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.6 %*	*24-116*

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:27	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:27	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:27	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:27	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:27	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:27	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:27	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:27	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10200**		mg/kg dry	5.91	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**24.5**		mg/kg dry	2.95	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**8.01**		mg/kg dry	1.77	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**151**		mg/kg dry	2.95	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**3.23**		mg/kg dry	0.354	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**9500**	B	mg/kg dry	5.91	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**47.5**		mg/kg dry	0.591	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**19.5**		mg/kg dry	0.473	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**44.6**		mg/kg dry	2.36	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**24000**		mg/kg dry	29.5	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**123**		mg/kg dry	0.591	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**8730**		mg/kg dry	5.91	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**313**		mg/kg dry	0.591	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**222**		mg/kg dry	1.18	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**970**		mg/kg dry	5.91	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.95	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.591	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**563**		mg/kg dry	59.1	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.95	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.5**		mg/kg dry	1.18	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**262**		mg/kg dry	2.95	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.243**		mg/kg dry	0.0354	1	EPA 7473	05/26/2020 12:16	05/26/2020 15:27	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.591	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB103_2.5-3.5 **York Sample ID:** 20E0734-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 10:30 am	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	47.5		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.6		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.018**	B	mg/kg dry	0.0050	0.010	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:00	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.6 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0863**	J	mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0670**	J	mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.186	0.373	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.197**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.211**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.183**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.121**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.156**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.220**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.341**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.126**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.234**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.345**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	05/28/2020 07:55	05/28/2020 19:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*76.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*96.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.1 %*	*24-116*

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:46	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:46	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:46	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:46	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:46	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:46	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:46	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	05/28/2020 07:50	05/28/2020 21:46	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5780**		mg/kg dry	5.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.42**		mg/kg dry	1.70	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**37.9**		mg/kg dry	2.83	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**3220**	B	mg/kg dry	5.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**19.9**		mg/kg dry	0.566	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**9.65**		mg/kg dry	0.453	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**26.7**		mg/kg dry	2.26	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**8760**		mg/kg dry	28.3	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**48.5**		mg/kg dry	0.566	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2870**		mg/kg dry	5.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**119**		mg/kg dry	0.566	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**100**		mg/kg dry	1.13	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**547**		mg/kg dry	5.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**216**		mg/kg dry	56.6	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**15.5**		mg/kg dry	1.13	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**27.5**		mg/kg dry	2.83	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.302**		mg/kg dry	0.0339	1	EPA 7473	05/26/2020 12:16	05/26/2020 15:36	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.566	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB104_4.5-5.5 **York Sample ID:** 20E0734-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 11:30 am	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.9		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.4		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.076	0.15	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.023	1	EPA 8260C	05/28/2020 06:45	05/28/2020 16:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.2 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.183	0.367	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0951**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.0864**	J	mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0747**	J	mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.0527**	J	mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0673**	J	mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0988**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.161**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.127**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.162**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*61.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.0 %*	*24-116*

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:04	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3190**		mg/kg dry	5.58	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.14**		mg/kg dry	1.67	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**83.7**		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**5070**	B	mg/kg dry	5.58	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**7.76**		mg/kg dry	0.558	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.45**		mg/kg dry	0.446	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**33.9**		mg/kg dry	2.23	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**6400**		mg/kg dry	27.9	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**40.2**		mg/kg dry	0.558	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1150**		mg/kg dry	5.58	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**70.0**		mg/kg dry	0.558	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**23.1**		mg/kg dry	1.12	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**342**		mg/kg dry	5.58	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**187**		mg/kg dry	55.8	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**16.6**		mg/kg dry	1.12	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**61.2**		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0648**		mg/kg dry	0.0335	1	EPA 7473	05/26/2020 12:16	05/26/2020 15:45	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB105_4-5 **York Sample ID:** 20E0734-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:30 pm	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	7.76		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.6		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

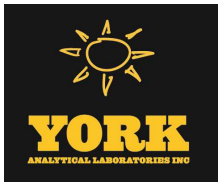
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.0029**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	05/28/2020 06:45	06/01/2020 19:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*121 %*	S-03	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	IS-LO	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0674**	J	mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.384	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0552**	J	mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.192	0.384	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.133**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.124**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.157**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.110**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.113**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.175**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	**Dibenzo(a,h)anthracene**	**0.0521**	J	mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0958	0.191	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.184**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0973**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.104**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.178**		mg/kg dry	0.0480	0.0958	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.384	2	EPA 8270D	05/28/2020 07:55	05/28/2020 20:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*72.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.3 %*	*24-116*

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:22	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2600**		mg/kg dry	5.76	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.88	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**18.8**		mg/kg dry	1.73	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**178**		mg/kg dry	2.88	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**3.79**		mg/kg dry	0.346	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**3460**	B	mg/kg dry	5.76	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**13.2**		mg/kg dry	0.576	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.12**		mg/kg dry	0.461	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**66.2**		mg/kg dry	2.31	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**34200**		mg/kg dry	28.8	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**446**		mg/kg dry	0.576	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**959**		mg/kg dry	5.76	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**78.0**		mg/kg dry	0.576	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**37.0**		mg/kg dry	1.15	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**832**		mg/kg dry	5.76	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.576	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**323**		mg/kg dry	57.6	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.0**		mg/kg dry	1.15	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**890**		mg/kg dry	2.88	1	EPA 6010D	05/26/2020 09:52	05/27/2020 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.822**		mg/kg dry	0.0346	1	EPA 7473	05/26/2020 12:16	05/26/2020 15:54	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.576	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB106_4.5-5.5 **York Sample ID:** 20E0734-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:00 pm	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	13.2		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.7		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0063**	J	mg/kg dry	0.0056	0.011	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.0066**		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	05/28/2020 06:45	06/01/2020 20:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.6 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0974**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.293**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	**3- & 4-Methylphenols**	**0.0502**	J	mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**1.32**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**1.54**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**5.09**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.185	0.370	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**10.3**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**9.43**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**7.07**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**3.60**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**7.37**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.926**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**9.28**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**2.01**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.875**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**21.9**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**2.16**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.07**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.374**		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**16.9**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0923	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**17.4**		mg/kg dry	0.463	0.923	20	EPA 8270D	05/28/2020 07:55	05/29/2020 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	05/28/2020 07:55	05/28/2020 21:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*73.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*91.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.5 %*	*24-116*

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:40	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:40	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:40	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:40	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:40	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:40	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:40	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/28/2020 07:50	05/28/2020 22:40	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9150**		mg/kg dry	5.57	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**10.7**		mg/kg dry	1.67	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**104**		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**4410**	B	mg/kg dry	5.57	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**22.4**		mg/kg dry	0.557	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.446	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**32.9**		mg/kg dry	2.23	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13300**		mg/kg dry	27.9	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**258**		mg/kg dry	0.557	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3900**		mg/kg dry	5.57	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**192**		mg/kg dry	0.557	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**64.0**		mg/kg dry	1.11	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1320**		mg/kg dry	5.57	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**561**		mg/kg dry	55.7	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	1.11	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**120**		mg/kg dry	2.79	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.43**		mg/kg dry	0.0334	1	EPA 7473	05/26/2020 12:16	05/26/2020 16:03	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB107_4.5-5.5 **York Sample ID:** 20E0734-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 1:30 pm	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	22.4		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.7		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB108_7-9.5** **York Sample ID:** **20E0734-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.086	0.17	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.011**		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.050**	B	mg/kg dry	0.0086	0.017	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.026	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:11	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.8 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0731**	J	mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.235	0.469	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.235	0.469	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.192**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.199**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.174**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.144**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.176**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.203**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.117	0.234	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.331**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.123**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.207**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.313**		mg/kg dry	0.0587	0.117	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.235	0.469	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:01	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*75.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*83.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*99.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.8 %*	*24-116*

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0233	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:17	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0233	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:17	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0233	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:17	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0233	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:17	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0233	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:17	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0233	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:17	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0233	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:17	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0233	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:17	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6620**		mg/kg dry	7.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.52	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**12.3**		mg/kg dry	2.11	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**303**		mg/kg dry	3.52	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.070	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.423	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**27500**	B	mg/kg dry	7.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**39.3**		mg/kg dry	0.705	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**15.0**		mg/kg dry	0.564	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**83.7**		mg/kg dry	2.82	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16000**		mg/kg dry	35.2	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1930**		mg/kg dry	0.705	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5570**		mg/kg dry	7.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**250**		mg/kg dry	0.705	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**145**		mg/kg dry	1.41	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1030**		mg/kg dry	7.05	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.52	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**1.01**		mg/kg dry	0.705	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**303**		mg/kg dry	70.5	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.52	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.3**		mg/kg dry	1.41	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**422**		mg/kg dry	3.52	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.98**		mg/kg dry	0.0423	1	EPA 7473	05/26/2020 12:16	05/26/2020 16:12	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.705	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB108_7-9.5 **York Sample ID:** 20E0734-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 2:00 pm	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	39.3		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	70.9		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C	05/28/2020 06:45	05/28/2020 18:49	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.4 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.114**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0718**	J	mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.934**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.212	0.423	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.521**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.212	0.423	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.49**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**2.04**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.74**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.50**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.56**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.496**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.25**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.530**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.149**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.106	0.211	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**3.82**		mg/kg dry	0.132	0.264	5	EPA 8270D	05/28/2020 07:55	05/29/2020 19:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.240**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.24**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.135**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**2.92**		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**3.46**		mg/kg dry	0.132	0.264	5	EPA 8270D	05/28/2020 07:55	05/29/2020 19:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.212	0.423	2	EPA 8270D	05/28/2020 07:55	05/28/2020 22:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.2 %*	*24-116*

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:35	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.0614**		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 07:50	05/28/2020 23:35	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.5 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7410**		mg/kg dry	6.36	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.18	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**4.94**		mg/kg dry	1.91	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**414**		mg/kg dry	3.18	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.064	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**1.52**		mg/kg dry	0.382	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**11800**	B	mg/kg dry	6.36	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**28.3**		mg/kg dry	0.636	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.24**		mg/kg dry	0.509	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**65.1**		mg/kg dry	2.54	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11000**		mg/kg dry	31.8	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**942**		mg/kg dry	0.636	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3070**		mg/kg dry	6.36	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**148**		mg/kg dry	0.636	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**60.7**		mg/kg dry	1.27	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1210**		mg/kg dry	6.36	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.18	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.636	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**439**		mg/kg dry	63.6	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.18	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**41.1**		mg/kg dry	1.27	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**440**		mg/kg dry	3.18	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:06	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.613**		mg/kg dry	0.0382	1	EPA 7473	05/26/2020 12:16	05/26/2020 16:21	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.636	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB109_4-5 **York Sample ID:** 20E0734-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:00 pm	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	28.3		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.6		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB110_9-10** **York Sample ID:** **20E0734-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

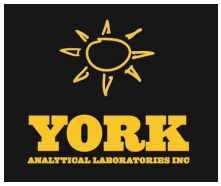
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.017**	B	mg/kg dry	0.0051	0.010	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	05/28/2020 06:45	05/28/2020 19:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0599**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.214	0.429	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0539**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.214	0.429	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.253**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.265**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.203**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.142**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.216**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.216**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0676**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.318**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.141**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.104**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.297**		mg/kg dry	0.0536	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.214	0.429	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*78.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*101 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.3 %*	*24-116*

Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 14:13	06/01/2020 12:52	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 14:13	06/01/2020 12:52	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 14:13	06/01/2020 12:52	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 14:13	06/01/2020 12:52	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 14:13	06/01/2020 12:52	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 14:13	06/01/2020 12:52	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 14:13	06/01/2020 12:52	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0211	1	EPA 8082A	05/28/2020 14:13	06/01/2020 12:52	cm
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6420**		mg/kg dry	6.48	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.24	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.61**		mg/kg dry	1.94	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**204**		mg/kg dry	3.24	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.389	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**21100**	B	mg/kg dry	6.48	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.648	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.81**		mg/kg dry	0.518	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**38.6**		mg/kg dry	2.59	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15500**		mg/kg dry	32.4	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**416**		mg/kg dry	0.648	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3240**		mg/kg dry	6.48	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**228**		mg/kg dry	0.648	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**47.9**		mg/kg dry	1.30	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**845**		mg/kg dry	6.48	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.24	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.648	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**256**		mg/kg dry	64.8	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.24	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.9**		mg/kg dry	1.30	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**244**		mg/kg dry	3.24	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.25**		mg/kg dry	0.0389	1	EPA 7473	05/26/2020 12:16	05/26/2020 16:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.648	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB110_9-10 **York Sample ID:** 20E0734-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:15 pm	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	13.8		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.2		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.012**		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.082**		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0096	0.019	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:57	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0649**	J	mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.214	0.428	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0777**	J	mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.214	0.428	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.482**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.435**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.332**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.161**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.354**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.415**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.101**	J	mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.107	0.213	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.687**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.194**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.137**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.648**		mg/kg dry	0.0535	0.107	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.214	0.428	2	EPA 8270D	05/28/2020 07:55	05/28/2020 23:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*79.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*96.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.9 %*	*24-116*

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0213	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:06	cm
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0213	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:06	cm
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0213	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:06	cm
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0213	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:06	cm
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0213	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:06	cm
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0213	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:06	cm
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0213	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:06	cm
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0213	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:06	cm
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4440**		mg/kg dry	6.42	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.21	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.93	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**47.3**		mg/kg dry	3.21	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.064	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.385	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2790**	B	mg/kg dry	6.42	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.642	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**9.38**		mg/kg dry	0.514	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**23.4**		mg/kg dry	2.57	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11400**		mg/kg dry	32.1	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**69.0**		mg/kg dry	0.642	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4310**		mg/kg dry	6.42	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**121**		mg/kg dry	0.642	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**94.1**		mg/kg dry	1.28	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**842**		mg/kg dry	6.42	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.21	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.642	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**197**		mg/kg dry	64.2	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.21	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.7**		mg/kg dry	1.28	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**170**		mg/kg dry	3.21	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**5.76**		mg/kg dry	0.0385	1	EPA 7473	05/26/2020 12:16	05/26/2020 19:09	MAO
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.642	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB111_8-9 **York Sample ID:** 20E0734-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 3:20 pm	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.6		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.8		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.067	0.13	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.049**		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	05/28/2020 06:45	06/01/2020 17:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0811**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.221	0.442	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0573**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.221	0.442	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.213**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.244**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.210**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.160**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.202**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.231**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.379**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.145**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.220**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.360**		mg/kg dry	0.0553	0.110	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.221	0.442	2	EPA 8270D	05/28/2020 07:55	05/29/2020 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*78.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*96.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.1 %*	*24-116*

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0218	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:19	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0218	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:19	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0218	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:19	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0218	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:19	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0218	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:19	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0218	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:19	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0218	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:19	cm
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0218	1	EPA 8082A	05/28/2020 14:13	06/01/2020 13:19	cm
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7950**		mg/kg dry	6.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**5.35**		mg/kg dry	3.33	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**11.4**		mg/kg dry	2.00	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**411**		mg/kg dry	3.33	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.067	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.858**		mg/kg dry	0.399	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**24700**	B	mg/kg dry	6.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**38.7**		mg/kg dry	0.666	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**18.4**		mg/kg dry	0.533	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**118**		mg/kg dry	2.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**21600**		mg/kg dry	33.3	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**2530**		mg/kg dry	0.666	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**9460**		mg/kg dry	6.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**312**		mg/kg dry	0.666	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**209**		mg/kg dry	1.33	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1240**		mg/kg dry	6.66	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.33	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.799**		mg/kg dry	0.666	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**372**		mg/kg dry	66.6	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.33	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.4**		mg/kg dry	1.33	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**659**		mg/kg dry	3.33	1	EPA 6010D	05/26/2020 09:52	05/27/2020 17:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.81**		mg/kg dry	0.0399	1	EPA 7473	05/26/2020 12:16	05/26/2020 19:17	MAO
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.666	1	EPA 7196A	05/26/2020 14:20	05/26/2020 20:36	ZTS
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SODUP04_052220 **York Sample ID:** 20E0734-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Soil	May 22, 2020 12:00 am	05/22/2020

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	38.7		mg/kg	0.500	1	Calculation	05/28/2020 09:12	05/28/2020 11:31	TJM
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	75.1		%	0.100	1	SM 2540G	05/27/2020 08:56	05/27/2020 15:02	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/27/2020 06:58	05/28/2020 10:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/28/2020 14:22	05/29/2020 12:51	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.4 %*		*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*30.4 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.1 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.1 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*110 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*110 %*	S-08	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

SVOA, 8270 SIM MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	05/28/2020 14:22	05/29/2020 14:10	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	05/26/2020 14:31	05/28/2020 17:31	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	05/26/2020 14:31	05/28/2020 17:31	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	05/26/2020 14:31	05/28/2020 17:31	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	05/26/2020 14:31	05/28/2020 17:31	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	05/26/2020 14:31	05/28/2020 17:31	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	05/26/2020 14:31	05/28/2020 17:31	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	05/26/2020 14:31	05/28/2020 17:31	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	05/26/2020 14:31	05/28/2020 17:31	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**0.165**		mg/L	0.056	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.004	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.056	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.056	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D	05/29/2020 14:19	06/01/2020 13:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.00048**		mg/L	0.00020	1	EPA 7473	05/26/2020 12:18	05/26/2020 15:48	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_052220 **York Sample ID:** 20E0734-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0734	170610601	Water	May 22, 2020 3:35 pm	05/22/2020

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/22/2020 21:20	05/22/2020 21:20	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	06/01/2020 12:31	06/01/2020 15:53	PAM
							Certifications:			

Analytical Batch Summary

Batch ID: BE00960 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-04	SB104_4.5-5.5	05/28/20
20E0734-05	SB105_4-5	05/28/20
20E0734-08	SB108_7-9.5	05/28/20
20E0734-09	SB109_4-5	05/28/20
20E0734-11	SB110_9-10	05/28/20
BE00960-BLK1	Blank	05/27/20
BE00960-BLK2	Blank	05/27/20
BE00960-BLK3	Blank	05/27/20
BE00960-BLK4	Blank	05/27/20
BE00960-BS1	LCS	05/27/20
BE00960-BSD1	LCS Dup	05/27/20

Batch ID: BE00983 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-14	SOFB04_052220	05/22/20
BE00983-BLK1	Blank	05/22/20
BE00983-BS1	LCS	05/22/20
BE00983-DUP1	Duplicate	05/22/20
BE00983-MS1	Matrix Spike	05/22/20

Batch ID: BE01017 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-01	SB101_3-4	05/26/20
20E0734-02	SB102_4-5	05/26/20
20E0734-03	SB103_2.5-3.5	05/26/20
20E0734-04	SB104_4.5-5.5	05/26/20
20E0734-05	SB105_4-5	05/26/20
20E0734-06	SB106_4.5-5.5	05/26/20
20E0734-07	SB107_4.5-5.5	05/26/20
20E0734-08	SB108_7-9.5	05/26/20
20E0734-09	SB109_4-5	05/26/20
20E0734-11	SB110_9-10	05/26/20
20E0734-12	SB111_8-9	05/26/20
20E0734-13	SODUP04_052220	05/26/20
BE01017-BLK1	Blank	05/26/20
BE01017-DUP1	Duplicate	05/26/20
BE01017-MS1	Matrix Spike	05/26/20
BE01017-PS1	Post Spike	05/26/20
BE01017-SRM1	Reference	05/26/20

Batch ID: BE01030 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-01	SB101_3-4	05/26/20
20E0734-02	SB102_4-5	05/26/20
20E0734-03	SB103_2.5-3.5	05/26/20
20E0734-04	SB104_4.5-5.5	05/26/20
20E0734-05	SB105_4-5	05/26/20
20E0734-06	SB106_4.5-5.5	05/26/20
20E0734-07	SB107_4.5-5.5	05/26/20
20E0734-08	SB108_7-9.5	05/26/20
20E0734-09	SB109_4-5	05/26/20
20E0734-11	SB110_9-10	05/26/20
20E0734-12	SB111_8-9	05/26/20
20E0734-13	SODUP04_052220	05/26/20
BE01030-BLK1	Blank	05/26/20
BE01030-SRM1	Reference	05/26/20

Batch ID: BE01031 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-14	SOFB04_052220	05/26/20
BE01031-BLK1	Blank	05/26/20
BE01031-DUP1	Duplicate	05/26/20
BE01031-MS1	Matrix Spike	05/26/20
BE01031-SRM1	Reference	05/26/20

Batch ID: BE01038 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-01	SB101_3-4	05/26/20
20E0734-02	SB102_4-5	05/26/20
20E0734-03	SB103_2.5-3.5	05/26/20
20E0734-04	SB104_4.5-5.5	05/26/20
20E0734-05	SB105_4-5	05/26/20
20E0734-06	SB106_4.5-5.5	05/26/20
20E0734-07	SB107_4.5-5.5	05/26/20
20E0734-08	SB108_7-9.5	05/26/20
20E0734-09	SB109_4-5	05/26/20
20E0734-11	SB110_9-10	05/26/20
20E0734-12	SB111_8-9	05/26/20
20E0734-13	SODUP04_052220	05/26/20
BE01038-BLK1	Blank	05/26/20
BE01038-DUP1	Duplicate	05/26/20
BE01038-MS1	Matrix Spike	05/26/20
BE01038-SRM1	Reference	05/26/20

Batch ID: BE01042 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SMR

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-14	SOFB04_052220	05/26/20

BE01042-BLK2	Blank	05/26/20
BE01042-BS2	LCS	05/26/20
BE01042-BSD2	LCS Dup	05/26/20

Batch ID: BE01078 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-01	SB101_3-4	05/27/20
20E0734-02	SB102_4-5	05/27/20
20E0734-03	SB103_2.5-3.5	05/27/20
20E0734-04	SB104_4.5-5.5	05/27/20
20E0734-05	SB105_4-5	05/27/20
20E0734-06	SB106_4.5-5.5	05/27/20
20E0734-07	SB107_4.5-5.5	05/27/20
20E0734-08	SB108_7-9.5	05/27/20
20E0734-09	SB109_4-5	05/27/20
20E0734-11	SB110_9-10	05/27/20
20E0734-12	SB111_8-9	05/27/20
20E0734-13	SODUP04_052220	05/27/20

Batch ID: BE01140 **Preparation Method:** EPA 3550C **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-01	SB101_3-4	05/28/20
20E0734-02	SB102_4-5	05/28/20
20E0734-03	SB103_2.5-3.5	05/28/20
20E0734-04	SB104_4.5-5.5	05/28/20
20E0734-05	SB105_4-5	05/28/20
20E0734-06	SB106_4.5-5.5	05/28/20
20E0734-07	SB107_4.5-5.5	05/28/20
20E0734-08	SB108_7-9.5	05/28/20
20E0734-09	SB109_4-5	05/28/20
BE01140-BLK2	Blank	05/28/20
BE01140-BS2	LCS	05/28/20

Batch ID: BE01142 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-01	SB101_3-4	05/28/20
20E0734-01RE1	SB101_3-4	05/28/20
20E0734-01RE2	SB101_3-4	05/28/20
20E0734-02	SB102_4-5	05/28/20
20E0734-03	SB103_2.5-3.5	05/28/20
20E0734-04	SB104_4.5-5.5	05/28/20
20E0734-05	SB105_4-5	05/28/20
20E0734-06	SB106_4.5-5.5	05/28/20
20E0734-07	SB107_4.5-5.5	05/28/20
20E0734-07RE1	SB107_4.5-5.5	05/28/20
20E0734-08	SB108_7-9.5	05/28/20
20E0734-09	SB109_4-5	05/28/20

20E0734-09RE1	SB109_4-5	05/28/20
20E0734-11	SB110_9-10	05/28/20
20E0734-12	SB111_8-9	05/28/20
20E0734-13	SODUP04_052220	05/28/20
BE01142-BLK1	Blank	05/28/20
BE01142-BS1	LCS	05/28/20

Batch ID: BE01152 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-01	SB101_3-4	05/28/20
20E0734-02	SB102_4-5	05/28/20
20E0734-03	SB103_2.5-3.5	05/28/20
20E0734-04	SB104_4.5-5.5	05/28/20
20E0734-05	SB105_4-5	05/28/20
20E0734-06	SB106_4.5-5.5	05/28/20
20E0734-07	SB107_4.5-5.5	05/28/20
20E0734-08	SB108_7-9.5	05/28/20
20E0734-09	SB109_4-5	05/28/20
20E0734-11	SB110_9-10	05/28/20
20E0734-12	SB111_8-9	05/28/20
20E0734-13	SODUP04_052220	05/28/20

Batch ID: BE01185 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-11	SB110_9-10	05/28/20
20E0734-12	SB111_8-9	05/28/20
20E0734-13	SODUP04_052220	05/28/20
BE01185-BLK2	Blank	05/28/20
BE01185-BS2	LCS	05/28/20

Batch ID: BE01187 **Preparation Method:** EPA 3510C **Prepared By:** SMR

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-14	SOFB04_052220	05/28/20
BE01187-BLK1	Blank	05/28/20
BE01187-BLK2	Blank	05/28/20
BE01187-BS1	LCS	05/28/20
BE01187-BS2	LCS	05/28/20
BE01187-BSD1	LCS Dup	05/28/20

Batch ID: BE01201 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-14	SOFB04_052220	05/27/20
BE01201-BLK1	Blank	05/27/20
BE01201-BS1	LCS	05/27/20
BE01201-BSD1	LCS Dup	05/27/20

Batch ID: BE01246 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-14	SOFB04_052220	05/29/20
BE01246-BLK1	Blank	05/29/20
BE01246-BS1	LCS	05/29/20

Batch ID: BF00044 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-14	SOFB04_052220	06/01/20

Batch ID: BF00067 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20E0734-01	SB101_3-4	05/28/20
20E0734-02	SB102_4-5	05/28/20
20E0734-03	SB103_2.5-3.5	05/28/20
20E0734-06	SB106_4.5-5.5	05/28/20
20E0734-07	SB107_4.5-5.5	05/28/20
20E0734-12	SB111_8-9	05/28/20
20E0734-13	SODUP04_052220	05/28/20
BF00067-BLK1	Blank	06/01/20
BF00067-BLK2	Blank	06/01/20
BF00067-BS1	LCS	06/01/20
BF00067-BSD1	LCS Dup	06/01/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

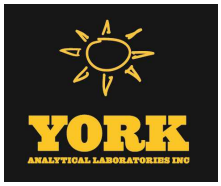
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
Blank (BE00960-BLK1) Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
Blank (BE00960-BLK1) Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.5*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.0*		*"*	*50.0*		*94.1*	*76-130*				
Blank (BE00960-BLK2) MEOH Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.013	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
Blank (BE00960-BLK2) MEOH Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0072	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.5*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.5*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
Blank (BE00960-BLK3) Holding blank-20E0627									Prepared: 05/27/2020 Analyzed: 06/01/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
Blank (BE00960-BLK3) Holding blank-20E0627									Prepared: 05/27/2020 Analyzed: 06/01/2020		
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.8*		*"*	*50.0*		*93.7*	*76-130*				
Blank (BE00960-BLK4) HOLDING BLANK-20E0734									Prepared: 05/27/2020 Analyzed: 05/28/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.026	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
Blank (BE00960-BLK4) HOLDING BLANK-20E0734									Prepared: 05/27/2020 Analyzed: 05/28/2020		
Bromomethane	ND	0.0050	mg/kg wet								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0090	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.8*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.0*		*"*	*50.0*		*93.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

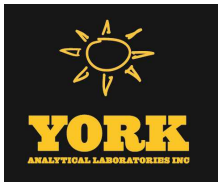
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
LCS (BE00960-BS1) LCS								Prepared: 05/27/2020 Analyzed: 05/28/2020			
1,1,1,2-Tetrachloroethane	67.4		ug/L	50.0		135	75-129	High Bias			
1,1,1-Trichloroethane	62.3		"	50.0		125	71-137				
1,1,2,2-Tetrachloroethane	56.2		"	50.0		112	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.0		"	50.0		94.1	58-146				
1,1,2-Trichloroethane	59.4		"	50.0		119	83-123				
1,1-Dichloroethane	54.3		"	50.0		109	75-130				
1,1-Dichloroethylene	64.3		"	50.0		129	64-137				
1,2,3-Trichlorobenzene	52.9		"	50.0		106	81-140				
1,2,3-Trichloropropane	58.8		"	50.0		118	81-126				
1,2,4-Trichlorobenzene	49.4		"	50.0		98.7	80-141				
1,2,4-Trimethylbenzene	49.8		"	50.0		99.7	84-125				
1,2-Dibromo-3-chloropropane	61.6		"	50.0		123	74-142				
1,2-Dibromoethane	59.8		"	50.0		120	86-123				
1,2-Dichlorobenzene	51.8		"	50.0		104	85-122				
1,2-Dichloroethane	60.1		"	50.0		120	71-133				
1,2-Dichloropropane	53.6		"	50.0		107	81-122				
1,3,5-Trimethylbenzene	49.1		"	50.0		98.1	82-126				
1,3-Dichlorobenzene	48.9		"	50.0		97.9	84-124				
1,4-Dichlorobenzene	48.4		"	50.0		96.8	84-124				
1,4-Dioxane	1160		"	1050		110	10-228				
2-Butanone	65.2		"	50.0		130	58-147				
2-Hexanone	57.5		"	50.0		115	70-139				
4-Methyl-2-pentanone	58.3		"	50.0		117	72-132				
Acetone	49.3		"	50.0		98.7	36-155				
Acrolein	4.94		"	50.0		9.88	10-238	Low Bias			
Acrylonitrile	68.4		"	50.0		137	66-141				
Benzene	55.8		"	50.0		112	77-127				
Bromochloromethane	56.2		"	50.0		112	74-129				
Bromodichloromethane	61.2		"	50.0		122	81-124				
Bromoform	71.8		"	50.0		144	80-136	High Bias			
Bromomethane	51.5		"	50.0		103	32-177				
Carbon disulfide	57.0		"	50.0		114	10-136				
Carbon tetrachloride	71.6		"	50.0		143	66-143				
Chlorobenzene	54.2		"	50.0		108	86-120				
Chloroethane	51.5		"	50.0		103	51-142				
Chloroform	57.7		"	50.0		115	76-131				
Chloromethane	42.0		"	50.0		84.0	49-132				
cis-1,2-Dichloroethylene	55.6		"	50.0		111	74-132				
cis-1,3-Dichloropropylene	53.4		"	50.0		107	81-129				
Cyclohexane	48.8		"	50.0		97.6	70-130				
Dibromochloromethane	68.7		"	50.0		137	10-200				
Dibromomethane	59.1		"	50.0		118	83-124				
Dichlorodifluoromethane	52.0		"	50.0		104	28-158				
Ethyl Benzene	53.2		"	50.0		106	84-125				
Hexachlorobutadiene	51.9		"	50.0		104	83-133				
Isopropylbenzene	48.1		"	50.0		96.3	81-127				
Methyl acetate	53.4		"	50.0		107	41-143				
Methyl tert-butyl ether (MTBE)	61.8		"	50.0		124	74-131				
Methylcyclohexane	46.3		"	50.0		92.5	70-130				
Methylene chloride	56.0		"	50.0		112	57-141				
n-Butylbenzene	46.3		"	50.0		92.5	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
LCS (BE00960-BS1) LCS								Prepared: 05/27/2020 Analyzed: 05/28/2020			
n-Propylbenzene	47.7		ug/L	50.0		95.4	74-136				
o-Xylene	53.9		"	50.0		108	83-123				
p- & m- Xylenes	106		"	100		106	82-128				
p-Isopropyltoluene	49.2		"	50.0		98.4	85-125				
sec-Butylbenzene	50.4		"	50.0		101	83-125				
Styrene	55.3		"	50.0		111	86-126				
tert-Butyl alcohol (TBA)	434		"	250		174	70-130	High Bias			
tert-Butylbenzene	49.2		"	50.0		98.5	80-127				
Tetrachloroethylene	49.7		"	50.0		99.5	80-129				
Toluene	53.0		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	55.7		"	50.0		111	72-132				
trans-1,3-Dichloropropylene	53.3		"	50.0		107	78-132				
Trichloroethylene	56.1		"	50.0		112	84-123				
Trichlorofluoromethane	47.0		"	50.0		94.1	62-140				
Vinyl Chloride	50.4		"	50.0		101	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.4*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.2*	*76-130*				
LCS Dup (BE00960-BSD1) LCS Dup								Prepared: 05/27/2020 Analyzed: 05/28/2020			
1,1,1,2-Tetrachloroethane	65.8		ug/L	50.0		132	75-129	High Bias	2.55	30	
1,1,1-Trichloroethane	60.6		"	50.0		121	71-137		2.78	30	
1,1,2,2-Tetrachloroethane	54.7		"	50.0		109	79-129		2.71	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.6		"	50.0		97.2	58-146		3.22	30	
1,1,2-Trichloroethane	57.6		"	50.0		115	83-123		3.03	30	
1,1-Dichloroethane	52.3		"	50.0		105	75-130		3.77	30	
1,1-Dichloroethylene	62.5		"	50.0		125	64-137		2.90	30	
1,2,3-Trichlorobenzene	50.3		"	50.0		101	81-140		5.16	30	
1,2,3-Trichloropropane	57.6		"	50.0		115	81-126		2.03	30	
1,2,4-Trichlorobenzene	46.4		"	50.0		92.7	80-141		6.27	30	
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125		3.70	30	
1,2-Dibromo-3-chloropropane	61.5		"	50.0		123	74-142		0.227	30	
1,2-Dibromoethane	59.3		"	50.0		119	86-123		0.873	30	
1,2-Dichlorobenzene	49.7		"	50.0		99.4	85-122		4.22	30	
1,2-Dichloroethane	58.1		"	50.0		116	71-133		3.35	30	
1,2-Dichloropropane	52.0		"	50.0		104	81-122		3.03	30	
1,3,5-Trimethylbenzene	47.5		"	50.0		95.0	82-126		3.23	30	
1,3-Dichlorobenzene	47.4		"	50.0		94.8	84-124		3.20	30	
1,4-Dichlorobenzene	47.2		"	50.0		94.5	84-124		2.40	30	
1,4-Dioxane	1150		"	1050		110	10-228		0.755	30	
2-Butanone	62.4		"	50.0		125	58-147		4.36	30	
2-Hexanone	55.6		"	50.0		111	70-139		3.38	30	
4-Methyl-2-pentanone	57.5		"	50.0		115	72-132		1.42	30	
Acetone	47.2		"	50.0		94.4	36-155		4.45	30	
Acrolein	4.88		"	50.0		9.76	10-238	Low Bias	1.22	30	
Acrylonitrile	65.6		"	50.0		131	66-141		4.18	30	
Benzene	53.9		"	50.0		108	77-127		3.39	30	
Bromochloromethane	53.7		"	50.0		107	74-129		4.62	30	
Bromodichloromethane	59.5		"	50.0		119	81-124		2.83	30	
Bromoform	70.1		"	50.0		140	80-136	High Bias	2.40	30	
Bromomethane	48.8		"	50.0		97.6	32-177		5.40	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00960 - EPA 5035A											
LCS Dup (BE00960-BSD1) LCS Dup									Prepared: 05/27/2020 Analyzed: 05/28/2020		
Carbon disulfide	55.3		ug/L	50.0		111	10-136		3.08	30	
Carbon tetrachloride	68.6		"	50.0		137	66-143		4.29	30	
Chlorobenzene	52.9		"	50.0		106	86-120		2.54	30	
Chloroethane	48.4		"	50.0		96.7	51-142		6.23	30	
Chloroform	56.0		"	50.0		112	76-131		2.92	30	
Chloromethane	41.1		"	50.0		82.2	49-132		2.12	30	
cis-1,2-Dichloroethylene	53.5		"	50.0		107	74-132		3.83	30	
cis-1,3-Dichloropropylene	51.7		"	50.0		103	81-129		3.25	30	
Cyclohexane	46.9		"	50.0		93.8	70-130		3.91	30	
Dibromochloromethane	66.7		"	50.0		133	10-200		2.88	30	
Dibromomethane	57.6		"	50.0		115	83-124		2.52	30	
Dichlorodifluoromethane	50.3		"	50.0		101	28-158		3.36	30	
Ethyl Benzene	51.6		"	50.0		103	84-125		3.07	30	
Hexachlorobutadiene	50.6		"	50.0		101	83-133		2.46	30	
Isopropylbenzene	46.8		"	50.0		93.7	81-127		2.70	30	
Methyl acetate	52.1		"	50.0		104	41-143		2.47	30	
Methyl tert-butyl ether (MTBE)	60.1		"	50.0		120	74-131		2.79	30	
Methylcyclohexane	45.0		"	50.0		89.9	70-130		2.85	30	
Methylene chloride	54.1		"	50.0		108	57-141		3.44	30	
n-Butylbenzene	44.2		"	50.0		88.4	80-130		4.58	30	
n-Propylbenzene	46.2		"	50.0		92.5	74-136		3.11	30	
o-Xylene	52.2		"	50.0		104	83-123		3.23	30	
p- & m- Xylenes	103		"	100		103	82-128		3.26	30	
p-Isopropyltoluene	47.7		"	50.0		95.4	85-125		3.10	30	
sec-Butylbenzene	48.9		"	50.0		97.8	83-125		2.88	30	
Styrene	53.6		"	50.0		107	86-126		3.20	30	
tert-Butyl alcohol (TBA)	414		"	250		165	70-130	High Bias	4.80	30	
tert-Butylbenzene	48.3		"	50.0		96.6	80-127		1.93	30	
Tetrachloroethylene	48.5		"	50.0		97.0	80-129		2.52	30	
Toluene	51.6		"	50.0		103	85-121		2.71	30	
trans-1,2-Dichloroethylene	54.6		"	50.0		109	72-132		1.98	30	
trans-1,3-Dichloropropylene	51.3		"	50.0		103	78-132		3.90	30	
Trichloroethylene	55.3		"	50.0		111	84-123		1.33	30	
Trichlorofluoromethane	48.6		"	50.0		97.2	62-140		3.22	30	
Vinyl Chloride	49.1		"	50.0		98.3	52-130		2.57	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01201 - EPA 5030B											
Blank (BE01201-BLK1) Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

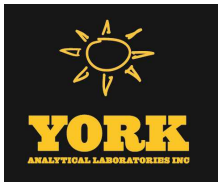
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01201 - EPA 5030B											
Blank (BE01201-BLK1) Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.11*		*"*	*10.0*		*91.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*79-122*				
LCS (BE01201-BS1) LCS									Prepared: 05/27/2020 Analyzed: 05/28/2020		
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82-126				
1,1,1-Trichloroethane	9.91		"	10.0		99.1	78-136				
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.42		"	10.0		84.2	54-165				
1,1,2-Trichloroethane	11.5		"	10.0		115	82-123				
1,1-Dichloroethane	10.3		"	10.0		103	82-129				
1,1-Dichloroethylene	8.52		"	10.0		85.2	68-138				
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136				
1,2,3-Trichloropropane	11.8		"	10.0		118	77-128				
1,2,4-Trichlorobenzene	11.5		"	10.0		115	76-137				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132				
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	45-147				
1,2-Dibromoethane	11.8		"	10.0		118	83-124				
1,2-Dichlorobenzene	11.3		"	10.0		113	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	11.0		"	10.0		110	78-126				
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131				
1,3-Dichlorobenzene	11.1		"	10.0		111	86-122				
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124				
1,4-Dioxane	281		"	210		134	10-349				
2-Butanone	10.0		"	10.0		100	49-152				
2-Hexanone	10.7		"	10.0		107	51-146				
4-Methyl-2-pentanone	10.9		"	10.0		109	57-145				
Acetone	10.4		"	10.0		104	14-150				
Acrolein	2.61		"	10.0		26.1	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	11.2		"	10.0		112	85-126				
Bromochloromethane	10.9		"	10.0		109	77-128				
Bromodichloromethane	10.9		"	10.0		109	79-128				
Bromoform	11.7		"	10.0		117	78-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01201 - EPA 5030B											
LCS (BE01201-BS1) LCS								Prepared: 05/27/2020 Analyzed: 05/28/2020			
Bromomethane	8.90		ug/L	10.0		89.0	43-168				
Carbon disulfide	9.01		"	10.0		90.1	68-146				
Carbon tetrachloride	9.34		"	10.0		93.4	77-141				
Chlorobenzene	11.3		"	10.0		113	88-120				
Chloroethane	8.66		"	10.0		86.6	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	5.43		"	10.0		54.3	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Cyclohexane	3.38		"	10.0		33.8	63-149	Low Bias			
Dibromochloromethane	11.7		"	10.0		117	80-130				
Dibromomethane	11.0		"	10.0		110	72-134				
Dichlorodifluoromethane	7.46		"	10.0		74.6	44-144				
Ethyl Benzene	11.4		"	10.0		114	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	10.4		"	10.0		104	76-140				
Methyl acetate	9.43		"	10.0		94.3	51-139				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylcyclohexane	8.05		"	10.0		80.5	72-143				
Methylene chloride	9.56		"	10.0		95.6	55-137				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	22.4		"	20.0		112	77-133				
p-Isopropyltoluene	11.0		"	10.0		110	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	11.9		"	10.0		119	67-132				
tert-Butyl alcohol (TBA)	52.8		"	50.0		106	25-162				
tert-Butylbenzene	9.22		"	10.0		92.2	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	11.1		"	10.0		111	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	8.10		"	10.0		81.0	67-139				
Vinyl Chloride	6.87		"	10.0		68.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.40*		*"*	*10.0*		*94.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.70*		*"*	*10.0*		*97.0*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01201 - EPA 5030B											
LCS Dup (BE01201-BSD1) LCS Dup								Prepared: 05/27/2020 Analyzed: 05/28/2020			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		6.48	30	
1,1,1-Trichloroethane	9.48		"	10.0		94.8	78-136		4.44	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129		7.41	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.17		"	10.0		71.7	54-165		16.0	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		8.93	30	
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129		3.17	30	
1,1-Dichloroethylene	8.19		"	10.0		81.9	68-138		3.95	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136		8.53	30	
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		7.40	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137		7.80	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		5.65	30	
1,2-Dibromo-3-chloropropane	9.94		"	10.0		99.4	45-147		8.94	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		8.49	30	
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123		3.96	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		6.31	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		6.87	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		6.74	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122		6.69	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		4.95	30	
1,4-Dioxane	204		"	210		97.2	10-349		31.7	30	Non-dir.
2-Butanone	8.80		"	10.0		88.0	49-152		13.1	30	
2-Hexanone	10.1		"	10.0		101	51-146		5.59	30	
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145		8.50	30	
Acetone	9.74		"	10.0		97.4	14-150		6.27	30	
Acrolein	2.55		"	10.0		25.5	10-153		2.33	30	
Acrylonitrile	9.29		"	10.0		92.9	51-150		15.4	30	
Benzene	10.6		"	10.0		106	85-126		5.97	30	
Bromochloromethane	10.3		"	10.0		103	77-128		5.77	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		5.54	30	
Bromoform	10.7		"	10.0		107	78-133		8.57	30	
Bromomethane	10.6		"	10.0		106	43-168		17.2	30	
Carbon disulfide	8.64		"	10.0		86.4	68-146		4.19	30	
Carbon tetrachloride	8.73		"	10.0		87.3	77-141		6.75	30	
Chlorobenzene	10.8		"	10.0		108	88-120		4.42	30	
Chloroethane	8.27		"	10.0		82.7	65-136		4.61	30	
Chloroform	10.6		"	10.0		106	82-128		4.79	30	
Chloromethane	5.38		"	10.0		53.8	43-155		0.925	30	
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	83-129		3.62	30	
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	80-131		3.68	30	
Cyclohexane	2.98		"	10.0		29.8	63-149	Low Bias	12.6	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		8.02	30	
Dibromomethane	10.2		"	10.0		102	72-134		8.11	30	
Dichlorodifluoromethane	6.38		"	10.0		63.8	44-144		15.6	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		7.47	30	
Hexachlorobutadiene	9.96		"	10.0		99.6	67-146		9.20	30	
Isopropylbenzene	9.71		"	10.0		97.1	76-140		6.38	30	
Methyl acetate	8.76		"	10.0		87.6	51-139		7.37	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		5.13	30	
Methylcyclohexane	6.89		"	10.0		68.9	72-143	Low Bias	15.5	30	
Methylene chloride	9.22		"	10.0		92.2	55-137		3.62	30	
n-Butylbenzene	10.2		"	10.0		102	79-132		5.54	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01201 - EPA 5030B											
LCS Dup (BE01201-BSD1) LCS Dup									Prepared: 05/27/2020 Analyzed: 05/28/2020		
n-Propylbenzene	9.90		ug/L	10.0		99.0	78-133		6.26	30	
o-Xylene	10.9		"	10.0		109	78-130		3.96	30	
p- & m- Xylenes	21.0		"	20.0		105	77-133		6.50	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		5.82	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		5.98	30	
Styrene	11.4		"	10.0		114	67-132		4.63	30	
tert-Butyl alcohol (TBA)	50.9		"	50.0		102	25-162		3.70	30	
tert-Butylbenzene	8.72		"	10.0		87.2	77-138		5.57	30	
Tetrachloroethylene	9.35		"	10.0		93.5	82-131		7.91	30	
Toluene	10.5		"	10.0		105	80-127		5.18	30	
trans-1,2-Dichloroethylene	9.88		"	10.0		98.8	80-132		2.99	30	
trans-1,3-Dichloropropylene	9.60		"	10.0		96.0	78-131		7.62	30	
Trichloroethylene	9.97		"	10.0		99.7	82-128		5.56	30	
Trichlorofluoromethane	7.33		"	10.0		73.3	67-139		9.98	30	
Vinyl Chloride	6.53		"	10.0		65.3	58-145		5.07	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.06*		*"*	*10.0*		*90.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
Batch BF00067 - EPA 5035A											
Blank (BF00067-BLK1) Blank									Prepared & Analyzed: 06/01/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.0057	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF00067 - EPA 5035A											
Blank (BF00067-BLK1) Blank									Prepared & Analyzed: 06/01/2020		
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.0*		*"*	*50.0*		*93.9*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF00067 - EPA 5035A

Blank (BF00067-BLK2) Blank — Prepared & Analyzed: 06/01/2020

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

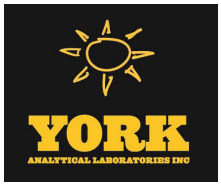
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF00067 - EPA 5035A											
Blank (BF00067-BLK2) Blank								Prepared & Analyzed: 06/01/2020			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.0*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.8*		*"*	*50.0*		*93.7*	*76-130*				
LCS (BF00067-BS1) LCS								Prepared & Analyzed: 06/01/2020			
1,1,1,2-Tetrachloroethane	64.0		ug/L	50.0		128	75-129				
1,1,1-Trichloroethane	58.3		"	50.0		117	71-137				
1,1,2,2-Tetrachloroethane	53.2		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.4		"	50.0		88.7	58-146				
1,1,2-Trichloroethane	54.0		"	50.0		108	83-123				
1,1-Dichloroethane	50.3		"	50.0		101	75-130				
1,1-Dichloroethylene	46.5		"	50.0		93.0	64-137				
1,2,3-Trichlorobenzene	55.3		"	50.0		111	81-140				
1,2,3-Trichloropropane	52.8		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	55.5		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	51.1		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	54.8		"	50.0		110	74-142				
1,2-Dibromoethane	54.8		"	50.0		110	86-123				
1,2-Dichlorobenzene	52.2		"	50.0		104	85-122				
1,2-Dichloroethane	54.3		"	50.0		109	71-133				
1,2-Dichloropropane	49.7		"	50.0		99.4	81-122				
1,3,5-Trimethylbenzene	49.9		"	50.0		99.8	82-126				
1,3-Dichlorobenzene	51.6		"	50.0		103	84-124				
1,4-Dichlorobenzene	51.7		"	50.0		103	84-124				
1,4-Dioxane	859		"	1050		81.8	10-228				
2-Butanone	53.4		"	50.0		107	58-147				
2-Hexanone	47.0		"	50.0		94.1	70-139				
4-Methyl-2-pentanone	48.8		"	50.0		97.7	72-132				
Acetone	30.6		"	50.0		61.3	36-155				
Acrolein	7.97		"	50.0		15.9	10-238				
Acrylonitrile	55.7		"	50.0		111	66-141				
Benzene	52.1		"	50.0		104	77-127				
Bromochloromethane	51.5		"	50.0		103	74-129				
Bromodichloromethane	57.7		"	50.0		115	81-124				
Bromoform	66.4		"	50.0		133	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF00067 - EPA 5035A											
LCS (BF00067-BS1) LCS							Prepared & Analyzed: 06/01/2020				
Bromomethane	49.0		ug/L	50.0		97.9	32-177				
Carbon disulfide	45.8		"	50.0		91.7	10-136				
Carbon tetrachloride	66.5		"	50.0		133	66-143				
Chlorobenzene	52.3		"	50.0		105	86-120				
Chloroethane	48.3		"	50.0		96.7	51-142				
Chloroform	54.3		"	50.0		109	76-131				
Chloromethane	29.3		"	50.0		58.6	49-132				
cis-1,2-Dichloroethylene	51.5		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	55.5		"	50.0		111	81-129				
Cyclohexane	43.0		"	50.0		86.1	70-130				
Dibromochloromethane	64.5		"	50.0		129	10-200				
Dibromomethane	53.6		"	50.0		107	83-124				
Dichlorodifluoromethane	15.9		"	50.0		31.7	28-158				
Ethyl Benzene	51.8		"	50.0		104	84-125				
Hexachlorobutadiene	54.1		"	50.0		108	83-133				
Isopropylbenzene	47.9		"	50.0		95.9	81-127				
Methyl acetate	44.4		"	50.0		88.8	41-143				
Methyl tert-butyl ether (MTBE)	54.6		"	50.0		109	74-131				
Methylcyclohexane	42.2		"	50.0		84.3	70-130				
Methylene chloride	50.8		"	50.0		102	57-141				
n-Butylbenzene	49.7		"	50.0		99.3	80-130				
n-Propylbenzene	48.6		"	50.0		97.1	74-136				
o-Xylene	52.1		"	50.0		104	83-123				
p- & m- Xylenes	103		"	100		103	82-128				
p-Isopropyltoluene	50.8		"	50.0		102	85-125				
sec-Butylbenzene	50.5		"	50.0		101	83-125				
Styrene	53.6		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	337		"	250		135	70-130	High Bias			
tert-Butylbenzene	48.8		"	50.0		97.5	80-127				
Tetrachloroethylene	49.2		"	50.0		98.3	80-129				
Toluene	50.9		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	50.5		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	56.7		"	50.0		113	78-132				
Trichloroethylene	52.0		"	50.0		104	84-123				
Trichlorofluoromethane	44.4		"	50.0		88.7	62-140				
Vinyl Chloride	36.8		"	50.0		73.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*"*	*50.0*		*94.7*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF00067 - EPA 5035A											
LCS Dup (BF00067-BSD1) LCS Dup								Prepared & Analyzed: 06/01/2020			
1,1,1,2-Tetrachloroethane	65.0		ug/L	50.0		130	75-129	High Bias	1.60	30	
1,1,1-Trichloroethane	59.3		"	50.0		119	71-137		1.68	30	
1,1,2,2-Tetrachloroethane	54.4		"	50.0		109	79-129		2.21	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.9		"	50.0		87.8	58-146		0.997	30	
1,1,2-Trichloroethane	55.0		"	50.0		110	83-123		1.74	30	
1,1-Dichloroethane	50.9		"	50.0		102	75-130		1.21	30	
1,1-Dichloroethylene	46.1		"	50.0		92.3	64-137		0.777	30	
1,2,3-Trichlorobenzene	56.3		"	50.0		113	81-140		1.76	30	
1,2,3-Trichloropropane	54.2		"	50.0		108	81-126		2.64	30	
1,2,4-Trichlorobenzene	56.3		"	50.0		113	80-141		1.34	30	
1,2,4-Trimethylbenzene	51.9		"	50.0		104	84-125		1.53	30	
1,2-Dibromo-3-chloropropane	55.2		"	50.0		110	74-142		0.545	30	
1,2-Dibromoethane	55.8		"	50.0		112	86-123		1.99	30	
1,2-Dichlorobenzene	53.3		"	50.0		107	85-122		2.08	30	
1,2-Dichloroethane	55.1		"	50.0		110	71-133		1.37	30	
1,2-Dichloropropane	50.9		"	50.0		102	81-122		2.47	30	
1,3,5-Trimethylbenzene	50.6		"	50.0		101	82-126		1.45	30	
1,3-Dichlorobenzene	52.3		"	50.0		105	84-124		1.33	30	
1,4-Dichlorobenzene	52.6		"	50.0		105	84-124		1.80	30	
1,4-Dioxane	928		"	1050		88.4	10-228		7.73	30	
2-Butanone	55.5		"	50.0		111	58-147		3.82	30	
2-Hexanone	48.2		"	50.0		96.4	70-139		2.46	30	
4-Methyl-2-pentanone	49.4		"	50.0		98.7	72-132		1.04	30	
Acetone	39.9		"	50.0		79.7	36-155		26.2	30	
Acrolein	7.30		"	50.0		14.6	10-238		8.78	30	
Acrylonitrile	56.7		"	50.0		113	66-141		1.83	30	
Benzene	52.9		"	50.0		106	77-127		1.52	30	
Bromochloromethane	52.4		"	50.0		105	74-129		1.83	30	
Bromodichloromethane	58.0		"	50.0		116	81-124		0.553	30	
Bromoform	67.8		"	50.0		136	80-136		2.03	30	
Bromomethane	46.0		"	50.0		92.0	32-177		6.26	30	
Carbon disulfide	47.5		"	50.0		95.1	10-136		3.60	30	
Carbon tetrachloride	67.2		"	50.0		134	66-143		1.06	30	
Chlorobenzene	53.0		"	50.0		106	86-120		1.37	30	
Chloroethane	46.3		"	50.0		92.5	51-142		4.40	30	
Chloroform	55.5		"	50.0		111	76-131		2.26	30	
Chloromethane	28.9		"	50.0		57.7	49-132		1.48	30	
cis-1,2-Dichloroethylene	53.1		"	50.0		106	74-132		2.96	30	
cis-1,3-Dichloropropylene	56.0		"	50.0		112	81-129		0.825	30	
Cyclohexane	43.7		"	50.0		87.4	70-130		1.45	30	
Dibromochloromethane	65.2		"	50.0		130	10-200		1.14	30	
Dibromomethane	54.6		"	50.0		109	83-124		1.85	30	
Dichlorodifluoromethane	15.6		"	50.0		31.2	28-158		1.59	30	
Ethyl Benzene	52.6		"	50.0		105	84-125		1.49	30	
Hexachlorobutadiene	55.1		"	50.0		110	83-133		1.87	30	
Isopropylbenzene	49.2		"	50.0		98.5	81-127		2.70	30	
Methyl acetate	45.0		"	50.0		90.1	41-143		1.50	30	
Methyl tert-butyl ether (MTBE)	55.0		"	50.0		110	74-131		0.840	30	
Methylcyclohexane	42.8		"	50.0		85.6	70-130		1.51	30	
Methylene chloride	51.1		"	50.0		102	57-141		0.589	30	
n-Butylbenzene	50.4		"	50.0		101	80-130		1.48	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF00067 - EPA 5035A											
LCS Dup (BF00067-BSD1) LCS Dup								Prepared & Analyzed: 06/01/2020			
n-Propylbenzene	49.6		ug/L	50.0		99.2	74-136		2.08	30	
o-Xylene	52.8		"	50.0		106	83-123		1.43	30	
p- & m- Xylenes	105		"	100		105	82-128		1.61	30	
p-Isopropyltoluene	51.7		"	50.0		103	85-125		1.78	30	
sec-Butylbenzene	51.6		"	50.0		103	83-125		2.08	30	
Styrene	54.4		"	50.0		109	86-126		1.46	30	
tert-Butyl alcohol (TBA)	339		"	250		136	70-130	High Bias	0.819	30	
tert-Butylbenzene	50.2		"	50.0		100	80-127		2.93	30	
Tetrachloroethylene	49.9		"	50.0		99.8	80-129		1.53	30	
Toluene	51.4		"	50.0		103	85-121		0.860	30	
trans-1,2-Dichloroethylene	50.8		"	50.0		102	72-132		0.454	30	
trans-1,3-Dichloropropylene	57.4		"	50.0		115	78-132		1.24	30	
Trichloroethylene	52.6		"	50.0		105	84-123		1.20	30	
Trichlorofluoromethane	43.9		"	50.0		87.8	62-140		0.997	30	
Vinyl Chloride	36.7		"	50.0		73.3	52-130		0.490	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*"*	*50.0*		*94.9*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BE01142 - EPA 3550C

Blank (BE01142-BLK1) Blank — Prepared & Analyzed: 05/28/2020

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"
Caprolactam	ND	0.0830	"
Carbazole	ND	0.0416	"
Chrysene	ND	0.0416	"
Dibenzo(a,h)anthracene	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01142 - EPA 3550C											
Blank (BE01142-BLK1) Blank									Prepared & Analyzed: 05/28/2020		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.56*		"	*1.66*		*93.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.59*		"	*1.66*		*95.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.01*		"	*0.831*		*121*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.757*		"	*0.831*		*91.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.74*		"	*1.66*		*105*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.892*		"	*0.831*		*107*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE01142 - EPA 3550C

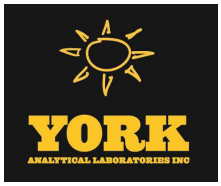
LCS (BE01142-BS1) LCS — Prepared & Analyzed: 05/28/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.704	0.0416	mg/kg wet	0.831		84.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.808	0.0830	"	0.831		97.2	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.900	0.0416	"	0.831		108	17-137				
2,3,4,6-Tetrachlorophenol	0.865	0.0830	"	0.831		104	30-130				
2,4,5-Trichlorophenol	0.597	0.0416	"	0.831		71.9	27-118				
2,4,6-Trichlorophenol	0.686	0.0416	"	0.831		82.6	31-120				
2,4-Dichlorophenol	0.703	0.0416	"	0.831		84.6	20-127				
2,4-Dimethylphenol	0.724	0.0416	"	0.831		87.1	14-132				
2,4-Dinitrophenol	1.19	0.0830	"	0.831		143	10-171				
2,4-Dinitrotoluene	0.921	0.0416	"	0.831		111	34-131				
2,6-Dinitrotoluene	0.876	0.0416	"	0.831		106	31-128				
2-Chloronaphthalene	0.677	0.0416	"	0.831		81.5	31-117				
2-Chlorophenol	0.684	0.0416	"	0.831		82.4	33-113				
2-Methylnaphthalene	0.763	0.0416	"	0.831		91.9	12-138				
2-Methylphenol	0.673	0.0416	"	0.831		81.0	10-136				
2-Nitroaniline	0.859	0.0830	"	0.831		103	27-132				
2-Nitrophenol	0.825	0.0416	"	0.831		99.3	17-129				
3- & 4-Methylphenols	0.588	0.0416	"	0.831		70.8	29-103				
3,3-Dichlorobenzidine	0.653	0.0416	"	0.831		78.6	22-149				
3-Nitroaniline	0.753	0.0830	"	0.831		90.7	20-133				
4,6-Dinitro-2-methylphenol	1.26	0.0830	"	0.831		152	10-143	High Bias			
4-Bromophenyl phenyl ether	0.665	0.0416	"	0.831		80.0	29-120				
4-Chloro-3-methylphenol	0.811	0.0416	"	0.831		97.6	24-129				
4-Chloroaniline	0.581	0.0416	"	0.831		70.0	10-132				
4-Chlorophenyl phenyl ether	0.659	0.0416	"	0.831		79.3	27-124				
4-Nitroaniline	0.760	0.0830	"	0.831		91.6	16-128				
4-Nitrophenol	1.04	0.0830	"	0.831		125	10-141				
Acenaphthene	0.643	0.0416	"	0.831		77.4	30-121				
Acenaphthylene	0.601	0.0416	"	0.831		72.4	30-115				
Acetophenone	0.767	0.0416	"	0.831		92.4	20-112				
Aniline	0.698	0.166	"	0.831		84.0	10-119				
Anthracene	0.675	0.0416	"	0.831		81.3	34-118				
Atrazine	0.767	0.0416	"	0.831		92.4	26-112				
Benzaldehyde	0.717	0.0416	"	0.831		86.3	21-100				
Benzo(a)anthracene	0.706	0.0416	"	0.831		85.0	32-122				
Benzo(a)pyrene	0.700	0.0416	"	0.831		84.3	29-133				
Benzo(b)fluoranthene	0.749	0.0416	"	0.831		90.1	25-133				
Benzo(g,h,i)perylene	0.670	0.0416	"	0.831		80.7	10-143				
Benzo(k)fluoranthene	0.666	0.0416	"	0.831		80.2	25-128				
Benzoic acid	0.297	0.0416	"	0.831		35.7	10-140				
Benzyl alcohol	0.840	0.0416	"	0.831		101	30-115				
Benzyl butyl phthalate	0.798	0.0416	"	0.831		96.1	26-126				
Bis(2-chloroethoxy)methane	0.742	0.0416	"	0.831		89.3	19-132				
Bis(2-chloroethyl)ether	0.738	0.0416	"	0.831		88.9	19-125				
Bis(2-chloroisopropyl)ether	0.939	0.0416	"	0.831		113	20-135				
Bis(2-ethylhexyl)phthalate	0.827	0.0416	"	0.831		99.5	10-155				
Caprolactam	0.787	0.0830	"	0.831		94.7	10-127				
Carbazole	0.719	0.0416	"	0.831		86.5	35-123				
Chrysene	0.685	0.0416	"	0.831		82.5	32-123				
Dibenzo(a,h)anthracene	0.780	0.0416	"	0.831		93.9	10-136				
Dibenzofuran	0.689	0.0416	"	0.831		83.0	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01142 - EPA 3550C											
LCS (BE01142-BS1) LCS							Prepared & Analyzed: 05/28/2020				
Diethyl phthalate	0.713	0.0416	mg/kg wet	0.831		85.8	34-116				
Dimethyl phthalate	0.699	0.0416	"	0.831		84.2	35-124				
Di-n-butyl phthalate	0.746	0.0416	"	0.831		89.8	31-116				
Di-n-octyl phthalate	0.884	0.0416	"	0.831		106	26-136				
Diphenylamine	0.831	0.0830	"	0.831		100	40-140				
Fluoranthene	0.678	0.0416	"	0.831		81.7	33-122				
Fluorene	0.652	0.0416	"	0.831		78.5	29-123				
Hexachlorobenzene	0.818	0.0416	"	0.831		98.5	21-124				
Hexachlorobutadiene	0.698	0.0416	"	0.831		84.1	10-149				
Hexachlorocyclopentadiene	0.628	0.0416	"	0.831		75.6	10-129				
Hexachloroethane	0.741	0.0416	"	0.831		89.2	28-108				
Indeno(1,2,3-cd)pyrene	0.744	0.0416	"	0.831		89.6	10-135				
Isophorone	0.847	0.0416	"	0.831		102	20-132				
Naphthalene	0.699	0.0416	"	0.831		84.2	23-124				
Nitrobenzene	0.908	0.0416	"	0.831		109	13-132				
N-Nitrosodimethylamine	0.778	0.0416	"	0.831		93.7	11-129				
N-nitroso-di-n-propylamine	0.819	0.0416	"	0.831		98.6	24-119				
N-Nitrosodiphenylamine	0.863	0.0416	"	0.831		104	22-152				
Pentachlorophenol	0.591	0.0416	"	0.831		71.2	10-139				
Phenanthrene	0.678	0.0416	"	0.831		81.6	33-123				
Phenol	0.813	0.0416	"	0.831		97.9	23-115				
Pyrene	0.687	0.0416	"	0.831		82.7	32-130				
Pyridine	0.706	0.166	"	0.831		85.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.47*		"	*1.66*		*88.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.51*		"	*1.66*		*91.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.941*		"	*0.831*		*113*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.660*		"	*0.831*		*79.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		"	*1.66*		*96.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.793*		"	*0.831*		*95.5*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BE01187 - EPA 3510C

Blank (BE01187-BLK1) Blank — Prepared: 05/28/2020 Analyzed: 05/29/2020

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01187 - EPA 3510C											
Blank (BE01187-BLK1) Blank											Prepared: 05/28/2020 Analyzed: 05/29/2020
Surrogate: SURR: 2-Fluorophenol	*19.6*		*ug/L*	*50.0*		*39.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.6*		*"*	*50.0*		*23.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.6*		*"*	*25.0*		*90.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.2*		*"*	*25.0*		*80.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.5*		*"*	*50.0*		*103*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*26.6*		*"*	*25.0*		*106*	*30.7-106*				
Blank (BE01187-BLK2) Blank											Prepared: 05/28/2020 Analyzed: 05/29/2020
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

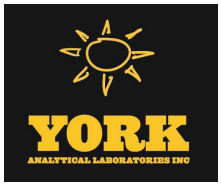
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01187 - EPA 3510C											
LCS (BE01187-BS1) LCS								Prepared: 05/28/2020 Analyzed: 05/29/2020			
1,1-Biphenyl	21.1	5.00	ug/L	25.0		84.4	33-95				
1,2,4,5-Tetrachlorobenzene	24.3	5.00	"	25.1		96.7	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	23.1	5.00	"	25.0		92.2	16-141				
2,3,4,6-Tetrachlorophenol	27.0	5.00	"	25.0		108	30-130				
2,4,5-Trichlorophenol	19.7	5.00	"	25.0		78.9	32-114				
2,4,6-Trichlorophenol	22.8	5.00	"	25.0		91.4	35-118				
2,4-Dichlorophenol	23.0	5.00	"	25.0		92.1	25-116				
2,4-Dimethylphenol	21.1	5.00	"	25.0		84.6	15-116				
2,4-Dinitrophenol	27.4	5.00	"	25.0		110	10-170				
2,4-Dinitrotoluene	22.7	5.00	"	25.0		90.7	41-128				
2,6-Dinitrotoluene	23.8	5.00	"	25.0		95.0	45-116				
2-Chloronaphthalene	19.9	5.00	"	25.0		79.6	33-112				
2-Chlorophenol	19.3	5.00	"	25.0		77.3	15-120				
2-Methylnaphthalene	22.8	5.00	"	25.0		91.0	24-118				
2-Methylphenol	14.6	5.00	"	25.0		58.2	10-110				
2-Nitroaniline	22.8	5.00	"	25.0		91.2	34-129				
2-Nitrophenol	24.1	5.00	"	25.0		96.2	28-118				
3- & 4-Methylphenols	11.6	5.00	"	25.0		46.2	10-107				
3,3-Dichlorobenzidine	20.9	5.00	"	25.0		83.5	15-187				
3-Nitroaniline	19.3	5.00	"	25.0		77.3	24-134				
4,6-Dinitro-2-methylphenol	27.4	5.00	"	25.0		110	10-153				
4-Bromophenyl phenyl ether	20.7	5.00	"	25.0		82.8	34-120				
4-Chloro-3-methylphenol	23.0	5.00	"	25.0		92.2	20-120				
4-Chloroaniline	17.6	5.00	"	25.0		70.5	10-147				
4-Chlorophenyl phenyl ether	20.4	5.00	"	25.0		81.4	27-121				
4-Nitroaniline	21.6	5.00	"	25.0		86.4	13-134				
4-Nitrophenol	10.6	5.00	"	25.0		42.4	10-131				
Acetophenone	21.6	5.00	"	25.0		86.3	25-110				
Aniline	11.1	5.00	"	25.0		44.4	10-117				
Benzaldehyde	21.8	5.00	"	25.0		87.2	29-117				
Benzoic acid	5.72	5.00	"	25.0		22.9	30-130	Low Bias			
Benzyl alcohol	14.7	5.00	"	25.0		58.6	10-117				
Benzyl butyl phthalate	25.4	5.00	"	25.0		102	29-133				
Bis(2-chloroethoxy)methane	21.4	5.00	"	25.0		85.5	10-154				
Bis(2-chloroethyl)ether	21.9	5.00	"	25.0		87.5	17-125				
Bis(2-chloroisopropyl)ether	23.3	5.00	"	25.0		93.3	10-139				
Caprolactam	4.79	5.00	"	25.0		19.2	10-137				
Carbazole	23.6	5.00	"	25.0		94.4	42-126				
Dibenzofuran	21.2	5.00	"	25.0		84.8	36-113				
Diethyl phthalate	22.3	5.00	"	25.0		89.1	38-115				
Dimethyl phthalate	20.6	5.00	"	25.0		82.4	38-129				
Di-n-butyl phthalate	23.4	5.00	"	25.0		93.4	31-120				
Di-n-octyl phthalate	27.5	5.00	"	25.0		110	21-149				
Diphenylamine	26.4	5.00	"	25.0		106	40-140				
Hexachlorocyclopentadiene	19.1	10.0	"	25.0		76.3	10-130				
Isophorone	23.5	5.00	"	25.0		94.1	25-127				
N-nitroso-di-n-propylamine	21.9	5.00	"	25.0		87.5	26-122				
N-Nitrosodiphenylamine	26.8	5.00	"	25.0		107	23-149				
Phenol	7.04	5.00	"	25.0		28.2	10-110				
Pyridine	6.36	5.00	"	27.5		23.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*22.4*		*"*	*50.0*		*44.8*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01187 - EPA 3510C											
LCS (BE01187-BS1) LCS							Prepared: 05/28/2020 Analyzed: 05/29/2020				
Surrogate: SURR: Phenol-d5	*14.1*		*ug/L*	*50.0*		*28.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.4*		*"*	*25.0*		*93.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.9*		*"*	*25.0*		*83.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*58.0*		*"*	*50.0*		*116*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*26.8*		*"*	*25.0*		*107*	*30.7-106*				
LCS (BE01187-BS2) LCS							Prepared: 05/28/2020 Analyzed: 05/29/2020				
Acenaphthene	0.750	0.0500	ug/L	1.00		75.0	25-116				
Acenaphthylene	0.760	0.0500	"	1.00		76.0	26-116				
Anthracene	0.780	0.0500	"	1.00		78.0	25-123				
Benzo(a)anthracene	0.870	0.0500	"	1.00		87.0	33-125				
Benzo(a)pyrene	0.920	0.0500	"	1.00		92.0	32-132				
Benzo(b)fluoranthene	1.11	0.0500	"	1.00		111	22-137				
Benzo(g,h,i)perylene	1.08	0.0500	"	1.00		108	10-138				
Benzo(k)fluoranthene	1.04	0.0500	"	1.00		104	20-137				
Bis(2-ethylhexyl)phthalate	1.63	0.500	"	1.00		163	10-189				
Chrysene	0.910	0.0500	"	1.00		91.0	32-124				
Dibenzo(a,h)anthracene	1.13	0.0500	"	1.00		113	16-133				
Fluoranthene	0.940	0.0500	"	1.00		94.0	32-121				
Fluorene	0.850	0.0500	"	1.00		85.0	28-118				
Hexachlorobenzene	0.730	0.0200	"	1.00		73.0	23-124				
Hexachlorobutadiene	0.860	0.500	"	1.00		86.0	15-123				
Hexachloroethane	1.04	0.500	"	1.00		104	18-115				
Indeno(1,2,3-cd)pyrene	1.13	0.0500	"	1.00		113	15-135				
Naphthalene	0.810	0.0500	"	1.00		81.0	18-120				
Nitrobenzene	1.70	0.250	"	1.00		170	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.540	0.250	"	1.00		54.0	10-156				
Phenanthrene	0.800	0.0500	"	1.00		80.0	24-127				
Pyrene	0.850	0.0500	"	1.00		85.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01187 - EPA 3510C											
LCS Dup (BE01187-BSD1) LCS Dup								Prepared: 05/28/2020 Analyzed: 05/29/2020			
1,1-Biphenyl	19.5	5.00	ug/L	25.0		78.0	33-95		7.89	20	
1,2,4,5-Tetrachlorobenzene	22.8	5.00	"	25.1		90.9	26-120		6.20	20	
1,2-Diphenylhydrazine (as Azobenzene)	22.2	5.00	"	25.0		89.0	16-141		3.58	20	
2,3,4,6-Tetrachlorophenol	26.1	5.00	"	25.0		104	30-130		3.39	20	
2,4,5-Trichlorophenol	18.8	5.00	"	25.0		75.4	32-114		4.61	20	
2,4,6-Trichlorophenol	21.3	5.00	"	25.0		85.4	35-118		6.79	20	
2,4-Dichlorophenol	21.5	5.00	"	25.0		86.1	25-116		6.74	20	
2,4-Dimethylphenol	19.7	5.00	"	25.0		78.9	15-116		6.90	20	
2,4-Dinitrophenol	25.8	5.00	"	25.0		103	10-170		6.09	20	
2,4-Dinitrotoluene	22.2	5.00	"	25.0		89.0	41-128		1.96	20	
2,6-Dinitrotoluene	22.7	5.00	"	25.0		90.8	45-116		4.61	20	
2-Chloronaphthalene	18.8	5.00	"	25.0		75.1	33-112		5.84	20	
2-Chlorophenol	17.8	5.00	"	25.0		71.1	15-120		8.36	20	
2-Methylnaphthalene	21.3	5.00	"	25.0		85.3	24-118		6.53	20	
2-Methylphenol	13.3	5.00	"	25.0		53.1	10-110		9.13	20	
2-Nitroaniline	21.8	5.00	"	25.0		87.2	34-129		4.48	20	
2-Nitrophenol	22.5	5.00	"	25.0		90.1	28-118		6.57	20	
3- & 4-Methylphenols	10.5	5.00	"	25.0		42.0	10-107		9.71	20	
3,3-Dichlorobenzidine	21.9	5.00	"	25.0		87.5	15-187		4.73	20	
3-Nitroaniline	18.2	5.00	"	25.0		72.9	24-134		5.81	20	
4,6-Dinitro-2-methylphenol	28.1	5.00	"	25.0		112	10-153		2.60	20	
4-Bromophenyl phenyl ether	20.4	5.00	"	25.0		81.7	34-120		1.31	20	
4-Chloro-3-methylphenol	21.8	5.00	"	25.0		87.4	20-120		5.39	20	
4-Chloroaniline	15.1	5.00	"	25.0		60.5	10-147		15.3	20	
4-Chlorophenyl phenyl ether	19.3	5.00	"	25.0		77.2	27-121		5.24	20	
4-Nitroaniline	21.8	5.00	"	25.0		87.0	13-134		0.738	20	
4-Nitrophenol	10.6	5.00	"	25.0		42.3	10-131		0.283	20	
Acetophenone	19.6	5.00	"	25.0		78.3	25-110		9.72	20	
Aniline	9.52	5.00	"	25.0		38.1	10-117		15.4	20	
Benzaldehyde	20.1	5.00	"	25.0		80.4	29-117		8.11	20	
Benzoic acid	5.11	5.00	"	25.0		20.4	30-130	Low Bias	11.3	20	
Benzyl alcohol	13.2	5.00	"	25.0		52.7	10-117		10.6	20	
Benzyl butyl phthalate	26.6	5.00	"	25.0		107	29-133		4.57	20	
Bis(2-chloroethoxy)methane	19.9	5.00	"	25.0		79.6	10-154		7.12	20	
Bis(2-chloroethyl)ether	20.0	5.00	"	25.0		80.0	17-125		8.93	20	
Bis(2-chloroisopropyl)ether	21.2	5.00	"	25.0		84.9	10-139		9.43	20	
Caprolactam	4.59	5.00	"	25.0		18.4	10-137		4.26	20	
Carbazole	23.9	5.00	"	25.0		95.5	42-126		1.18	20	
Dibenzofuran	19.8	5.00	"	25.0		79.3	36-113		6.73	20	
Diethyl phthalate	21.7	5.00	"	25.0		86.7	38-115		2.73	20	
Dimethyl phthalate	19.8	5.00	"	25.0		79.3	38-129		3.91	20	
Di-n-butyl phthalate	24.2	5.00	"	25.0		96.7	31-120		3.45	20	
Di-n-octyl phthalate	29.3	5.00	"	25.0		117	21-149		6.19	20	
Diphenylamine	25.9	5.00	"	25.0		104	40-140		2.14	20	
Hexachlorocyclopentadiene	17.4	10.0	"	25.0		69.7	10-130		9.10	20	
Isophorone	21.9	5.00	"	25.0		87.6	25-127		7.18	20	
N-nitroso-di-n-propylamine	19.9	5.00	"	25.0		79.6	26-122		9.48	20	
N-Nitrosodiphenylamine	26.4	5.00	"	25.0		106	23-149		1.47	20	
Phenol	6.34	5.00	"	25.0		25.4	10-110		10.5	20	
Pyridine	6.10	5.00	"	27.5		22.2	10-90		4.17	20	
Surrogate: SURR: 2-Fluorophenol	*21.2*		*"*	*50.0*		*42.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01187 - EPA 3510C											
LCS Dup (BE01187-BSD1) LCS Dup									Prepared: 05/28/2020 Analyzed: 05/29/2020		
Surrogate: SURR: Phenol-d5	*13.0*		*ug/L*	*50.0*		*26.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.9*		*"*	*25.0*		*91.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.2*		*"*	*25.0*		*80.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*59.0*		*"*	*50.0*		*118*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*29.2*		*"*	*25.0*		*117*	*30.7-106*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01042 - EPA SW846-3510C Low Level											
Blank (BE01042-BLK2) Blank									Prepared: 05/26/2020 Analyzed: 05/28/2020		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1262	ND	0.0500	"								
Aroclor 1268	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.127*		*"*	*0.200*		*63.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.119*		*"*	*0.200*		*59.5*	*30-120*				
LCS (BE01042-BS2) LCS									Prepared: 05/26/2020 Analyzed: 05/28/2020		
Aroclor 1016	0.899	0.0500	ug/L	1.00		89.9	40-120				
Aroclor 1260	0.965	0.0500	"	1.00		96.5	40-120				
Surrogate: Tetrachloro-m-xylene	*0.145*		*"*	*0.200*		*72.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.129*		*"*	*0.200*		*64.5*	*30-120*				
LCS Dup (BE01042-BSD2) LCS Dup									Prepared: 05/26/2020 Analyzed: 05/28/2020		
Aroclor 1016	0.886	0.0500	ug/L	1.00		88.6	40-120		1.48	30	
Aroclor 1260	0.993	0.0500	"	1.00		99.3	40-120		2.78	30	
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.125*		*"*	*0.200*		*62.5*	*30-120*				
Batch BE01140 - EPA 3550C											
Blank (BE01140-BLK2) Blank									Prepared & Analyzed: 05/28/2020		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0611*		*"*	*0.0664*		*92.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0565*		*"*	*0.0664*		*85.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01140 - EPA 3550C											
LCS (BE01140-BS2) LCS								Prepared & Analyzed: 05/28/2020			
Aroclor 1016	0.388	0.0166	mg/kg wet	0.332		117	40-140			30	
Aroclor 1260	0.373	0.0166	"	0.332		112	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0605*		*"*	*0.0664*		*91.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0551*		*"*	*0.0664*		*83.0*	*30-150*				
Batch BE01185 - EPA 3550C											
Blank (BE01185-BLK2) Blank								Prepared: 05/28/2020 Analyzed: 06/01/2020			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0488*		*"*	*0.0664*		*73.5*	*30-150*				
LCS (BE01185-BS2) LCS								Prepared: 05/28/2020 Analyzed: 06/01/2020			
Aroclor 1016	0.288	0.0166	mg/kg wet	0.332		86.7	40-140			30	
Aroclor 1260	0.326	0.0166	"	0.332		98.2	40-140			30	
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0488*		*"*	*0.0664*		*73.5*	*30-150*				
Batch Y0E2818 - BE01141											
Aroclor Reference (Y0E2818- Aroclor Reference								Prepared & Analyzed: 05/28/2020			
Surrogate: Tetrachloro-m-xylene	*0.184*		*ug/mL*	*0.200*		*92.0*					
Surrogate: Decachlorobiphenyl	*0.145*		*"*	*0.200*		*72.5*					

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y0E2832 - BE01140											
Aroclor Reference (Y0E2832- Aroclor Reference										Prepared & Analyzed: 05/28/2020	
Surrogate: Tetrachloro-m-xylene	*0.184*		*ug/mL*	*0.200*		*92.0*					
Surrogate: Decachlorobiphenyl	*0.172*		*"*	*0.200*		*86.0*					
Batch Y0F0136 - BF00004											
Aroclor Reference (Y0F0136- Aroclor Reference										Prepared & Analyzed: 06/01/2020	
Surrogate: Tetrachloro-m-xylene	*0.185*		*ug/mL*	*0.200*		*92.5*					
Surrogate: Decachlorobiphenyl	*0.179*		*"*	*0.200*		*89.5*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01017 - EPA 3050B											
Blank (BE01017-BLK1) Blank									Prepared: 05/26/2020 Analyzed: 05/27/2020		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	5.73	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BE01017-DUP1) Duplicate	*Source sample: 20E0734-13 (SODUP04_052220)								Prepared: 05/26/2020 Analyzed: 05/27/2020		
Aluminum	7680	6.66	mg/kg dry		7950				3.47	35	
Antimony	ND	3.33	"		5.35					35	
Arsenic	9.09	2.00	"		11.4				22.4	35	
Barium	413	3.33	"		411				0.583	35	
Beryllium	ND	0.067	"		ND					35	
Cadmium	0.741	0.399	"		0.858				14.6	35	
Calcium	19800	6.66	"		24700				22.1	35	
Chromium	34.7	0.666	"		38.7				11.0	35	
Cobalt	15.9	0.533	"		18.4				14.6	35	
Copper	84.9	2.66	"		118				32.3	35	
Iron	18600	33.3	"		21600				14.7	35	
Lead	3340	0.666	"		2530				27.4	35	
Magnesium	6830	6.66	"		9460				32.3	35	
Manganese	283	0.666	"		312				9.85	35	
Nickel	171	1.33	"		209				19.9	35	
Potassium	960	6.66	"		1240				25.6	35	
Selenium	ND	3.33	"		ND					35	
Silver	8.70	0.666	"		0.799				166	35	Non-dir.
Sodium	377	66.6	"		372				1.49	35	
Thallium	ND	3.33	"		ND					35	
Vanadium	26.1	1.33	"		29.4				11.8	35	
Zinc	457	3.33	"		659				36.1	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01017 - EPA 3050B											
Matrix Spike (BE01017-MS1) Matrix Spike	*Source sample: 20E0734-13 (SODUP04_052220)							Prepared: 05/26/2020 Analyzed: 05/27/2020			
Aluminum	8780	6.66	mg/kg dry	266	7950	310	75-125	High Bias			
Antimony	11.5	3.33	"	33.3	5.35	18.5	75-125	Low Bias			
Arsenic	256	2.00	"	266	11.4	92.0	75-125				
Barium	3570	3.33	"	266	411	NR	75-125	High Bias			
Beryllium	4.79	0.067	"	6.66	ND	72.0	75-125	Low Bias			
Cadmium	7.03	0.399	"	6.66	0.858	92.7	75-125				
Calcium	19800	6.66	"	133	24700	NR	75-125	Low Bias			
Chromium	90.6	0.666	"	26.6	38.7	195	75-125	High Bias			
Cobalt	76.6	0.533	"	66.6	18.4	87.4	75-125				
Copper	122	2.66	"	33.3	118	13.0	75-125	Low Bias			
Iron	22000	33.3	"	133	21600	334	75-125	High Bias			
Lead	19200	0.666	"	66.6	2530	NR	75-125	High Bias			
Magnesium	6140	6.66	"	133	9460	NR	75-125	Low Bias			
Manganese	389	0.666	"	66.6	312	115	75-125				
Nickel	275	1.33	"	66.6	209	100	75-125				
Potassium	1420	6.66	"	133	1240	134	75-125	High Bias			
Selenium	198	3.33	"	266	ND	74.4	75-125	Low Bias			
Silver	9.57	0.666	"	6.66	0.799	132	75-125	High Bias			
Sodium	487	66.6	"	133	372	86.1	75-125				
Thallium	251	3.33	"	266	ND	94.2	75-125				
Vanadium	95.3	1.33	"	66.6	29.4	99.1	75-125				
Zinc	634	3.33	"	66.6	659	NR	75-125	Low Bias			
Post Spike (BE01017-PS1) Post Spike	*Source sample: 20E0734-13 (SODUP04_052220)							Prepared: 05/26/2020 Analyzed: 05/27/2020			
Aluminum	62.9		ug/mL	2.00	59.7	157	75-125	High Bias			
Antimony	0.281		"	0.250	0.040	96.4	75-125				
Arsenic	1.96		"	2.00	0.086	93.8	75-125				
Barium	4.99		"	2.00	3.09	95.3	75-125				
Beryllium	0.038		"	0.0500	-0.009	76.9	75-125				
Cadmium	0.053		"	0.0500	0.006	92.2	75-125				
Calcium	190		"	1.00	185	479	75-125	High Bias			
Chromium	0.482		"	0.200	0.290	95.9	75-125				
Cobalt	0.630		"	0.500	0.138	98.3	75-125				
Copper	1.11		"	0.250	0.884	91.6	75-125				
Iron	168		"	1.00	162	593	75-125	High Bias			
Lead	19.2		"	0.500	19.0	44.0	75-125	Low Bias			
Magnesium	74.0		"	1.00	71.0	294	75-125	High Bias			
Manganese	2.85		"	0.500	2.35	101	75-125				
Nickel	2.04		"	0.500	1.57	94.6	75-125				
Potassium	10.4		"	1.00	9.33	111	75-125				
Selenium	1.61		"	2.00	-0.074	80.6	75-125				
Silver	0.040		"	0.0500	0.006	68.2	75-125	Low Bias			
Sodium	3.85		"	1.00	2.79	106	75-125				
Thallium	1.96		"	2.00	-0.012	97.8	75-125				
Vanadium	0.698		"	0.500	0.221	95.5	75-125				
Zinc	5.37		"	0.500	4.95	84.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01017 - EPA 3050B											
Reference (BE01017-SRM1) Reference									Prepared: 05/26/2020 Analyzed: 05/27/2020		
Aluminum	8580	5.00	mg/kg wet	8460		101	50.5-150.1				
Antimony	60.1	2.50	"	120		50.1	19-251.7				
Arsenic	88.1	1.50	"	95.5		92.2	70.1-129.8				
Barium	296	2.50	"	300		98.8	75-125				
Beryllium	100	0.050	"	103		97.2	75-125.2				
Cadmium	129	0.300	"	135		95.8	74.8-125.2				
Calcium	4700	5.00	"	4720		99.6	72.7-127.5				
Chromium	144	0.500	"	147		97.7	70.1-129.9				
Cobalt	45.7	0.400	"	43.2		106	75-125				
Copper	154	2.00	"	150		103	75.3-125.3				
Iron	12800	25.0	"	14400		88.9	35.8-164.6				
Lead	84.9	0.500	"	92.3		92.0	70-130				
Magnesium	2340	5.00	"	2300		102	61.7-137.8				
Manganese	685	0.500	"	677		101	78.1-122				
Nickel	70.5	1.00	"	59.8		118	70.1-130.1				
Potassium	2060	5.00	"	2030		101	59.1-140.9				
Selenium	25.1	2.50	"	42.0		59.8	55.7-144.5				
Silver	37.0	0.500	"	40.3		91.9	69.2-130.8				
Sodium	133	50.0	"	139		95.4	36.1-163.3				
Thallium	79.6	2.50	"	83.1		95.8	65.3-146.8				
Vanadium	89.4	1.00	"	96.9		92.3	67-133.1				
Zinc	351	2.50	"	369		95.3	69.9-130.1				
Batch BE01246 - EPA 3015A											
Blank (BE01246-BLK1) Blank									Prepared: 05/29/2020 Analyzed: 06/01/2020		
Aluminum	ND	0.056	mg/L								
Antimony	ND	0.028	"								
Arsenic	ND	0.017	"								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.056	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.004	"								
Copper	ND	0.022	"								
Iron	ND	0.278	"								
Lead	ND	0.006	"								
Magnesium	ND	0.056	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Potassium	0.059	0.056	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
Sodium	ND	0.556	"								
Thallium	ND	0.028	"								
Vanadium	ND	0.011	"								
Zinc	ND	0.028	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01246 - EPA 3015A											
LCS (BE01246-BS1) LCS								Prepared: 05/29/2020 Analyzed: 06/01/2020			
Aluminum	1.83		ug/mL	2.00		91.6	80-120				
Antimony	0.224		"	0.250		89.8	80-120				
Arsenic	1.66		"	2.00		83.0	80-120				
Barium	1.86		"	2.00		93.1	80-120				
Beryllium	0.045		"	0.0500		89.5	80-120				
Cadmium	0.044		"	0.0500		87.5	80-120				
Calcium	0.953		"	1.00		95.3	80-120				
Chromium	0.193		"	0.200		96.5	80-120				
Cobalt	0.474		"	0.500		94.8	80-120				
Copper	0.233		"	0.250		93.2	80-120				
Iron	0.933		"	1.00		93.3	80-120				
Lead	0.433		"	0.500		86.5	80-120				
Magnesium	0.934		"	1.00		93.4	80-120				
Manganese	0.463		"	0.500		92.6	80-120				
Nickel	0.465		"	0.500		93.1	80-120				
Potassium	0.862		"	1.00		86.2	80-120				
Selenium	1.48		"	2.00		74.2	80-120	Low Bias			
Silver	0.047		"	0.0500		93.3	80-120				
Sodium	0.897		"	1.00		89.7	80-120				
Thallium	1.78		"	2.00		89.2	80-120				
Vanadium	0.451		"	0.500		90.2	80-120				
Zinc	0.450		"	0.500		90.0	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01030 - EPA 7473 soil												
Blank (BE01030-BLK1)	Blank								Prepared & Analyzed: 05/26/2020			
Mercury		ND	0.0300	mg/kg wet								
Reference (BE01030-SRM1)	Reference								Prepared & Analyzed: 05/26/2020			
Mercury		3.8550		mg/kg	3.71		104	65-135				
Batch BE01031 - EPA 7473 water												
Blank (BE01031-BLK1)	Blank								Prepared & Analyzed: 05/26/2020			
Mercury		ND	0.00020	mg/L								
Duplicate (BE01031-DUP1)	Duplicate	*Source sample: 20E0734-14 (SOFB04_052220)							Prepared & Analyzed: 05/26/2020			
Mercury		0.000540	0.00020	mg/L		0.000476				12.5	20	
Matrix Spike (BE01031-MS1)	Matrix Spike	*Source sample: 20E0734-14 (SOFB04_052220)							Prepared & Analyzed: 05/26/2020			
Mercury		0.0106		mg/L	0.0100	0.00048	102	75-125				
Reference (BE01031-SRM1)	Reference								Prepared & Analyzed: 05/26/2020			
Mercury		0.0117		mg/L	0.0100		117	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00983 - Analysis Preparation												
Blank (BE00983-BLK1)	Blank								Prepared & Analyzed: 05/22/2020			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BE00983-BS1)	LCS								Prepared & Analyzed: 05/22/2020			
Chromium, Hexavalent		0.521	0.0100	mg/L	0.500		104	80-120				
Duplicate (BE00983-DUP1)	Duplicate	*Source sample: 20E0734-14 (SOFB04_052220)							Prepared & Analyzed: 05/22/2020			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BE00983-MS1)	Matrix Spike	*Source sample: 20E0734-14 (SOFB04_052220)							Prepared & Analyzed: 05/22/2020			
Chromium, Hexavalent		0.516	0.0100	mg/L	0.500	ND	103	75-125				
Batch BE01038 - EPA SW846-3060												
Blank (BE01038-BLK1)	Blank								Prepared & Analyzed: 05/26/2020			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BE01038-DUP1)	Duplicate	*Source sample: 20E0734-13 (SODUP04_052220)							Prepared & Analyzed: 05/26/2020			
Chromium, Hexavalent		ND	0.666	mg/kg dry		ND					35	
Matrix Spike (BE01038-MS1)	Matrix Spike	*Source sample: 20E0734-13 (SODUP04_052220)							Prepared & Analyzed: 05/26/2020			
Chromium, Hexavalent		6.07	0.666	mg/kg dry	26.6	ND	22.8	75-125	Low Bias			
Reference (BE01038-SRM1)	Reference								Prepared & Analyzed: 05/26/2020			
Chromium, Hexavalent		44.6		mg/L	124		36.0	33.06-167.74				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0734-01	SB101_3-4	40mL 01_Clear Vial Cool to 4° C
20E0734-02	SB102_4-5	40mL 01_Clear Vial Cool to 4° C
20E0734-03	SB103_2.5-3.5	40mL 01_Clear Vial Cool to 4° C
20E0734-04	SB104_4.5-5.5	40mL Vial with Stir Bar-Cool 4° C
20E0734-05	SB105_4-5	40mL Vial with Stir Bar-Cool 4° C
20E0734-06	SB106_4.5-5.5	40mL Vial with Stir Bar-Cool 4° C
20E0734-07	SB107_4.5-5.5	40mL 01_Clear Vial Cool to 4° C
20E0734-08	SB108_7-9.5	40mL Vial with Stir Bar-Cool 4° C
20E0734-09	SB109_4-5	40mL Vial with Stir Bar-Cool 4° C
20E0734-11	SB110_9-10	40mL Vial with Stir Bar-Cool 4° C
20E0734-12	SB111_8-9	40mL 01_Clear Vial Cool to 4° C
20E0734-13	SODUP04_052220	40mL Vial with Stir Bar-Cool 4° C
20E0734-14	SOFB04_052220	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-Re	VOA sample for re-run was taken from a bulk sample container noncompliant with SW-846 5035A due to a depletion of a proper vial during analysis. Results below 200 ug/Kg may be biased low.
S-08	The recovery of this surrogate was outside of QC limits.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: c

Son - Sufficient 5/22/20

York Analytical Laboratories, Inc.
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clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20E0734

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: MACTEC, DPC	Company: STANTEC	Company: STANTEC	170161060	RUSH - Next Day
Address: 21 Penn Plaza	Address:	Address:	YOUR Project Name: 475 Bay St #3 Wave St. Staten Island, NY	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Brian Beckenbaugh / Kim Senior	Contact:	Contact:		RUSH - Four Day
E-mail: BECKENBAUGH@MACTEC.COM	E-mail: KENNY.CLARKE@STANTEC.COM	E-mail: DAN.FOLEY@STANTEC.COM	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Mike McCarthy

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in) Part 375 / TRC

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB101_3-4	Soil	5/22 845	Part 375/TRC VOCs / SVOCs / PCBs / Metals (+Hex.+Tri Cr)	1 8oz, 4 4oz
SB102_4-5		1000		
SB103_2.5-3.5		1030		
SB104_4.5-5.5		1130		
SB105_4-5		1230		
SB106_4.5-5.5		1300		
SB107_4.5-5.5		1330		
SB108_7-9.5		1400		
SB109_4-5		1500		
SB109_8-9		1505	HOLD	

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: _____

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MACTEC	5/22/2020 1555		5/22/20 1555		5/22/20 1830
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Temp. Received at Lab
				K Blocker 5/22/20 1830	2.8 Degrees C

Son - [illegible] Standards

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20E0734

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN DPC	Company: STATE	Company: STATE	170610601	RUSH - Next Day
Address: 21 PENN PLAZA 4TH, NY 10001	Address:	Address:	YOUR Project Name 31 WAVE 475 BAY ST & 2ND STATEN ISLAND, NY	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: BRIAN GOLDSTEIN / KIM SEAMON	Contact:	Contact:		RUSH - Four Day
E-mail: BGOLDSTE@LANGAN.COM	E-mail: KSEAMON@LANGAN.COM	E-mail: DPALAZZO@LANGAN.COM	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) MIKE MCCARTNEY

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in) PART 375 / TCL

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB110_9-10	SOIL	5/22 1515	PART 375/TCL VOCs / SVOCs / PCBs / METALS (+HEX+TRI CHROM)	1 8oz - 4 4oz
SB111_8-9		1530		
SODUP04_052220				
SOTB04_052220		1535		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/22/2020 1555		5/22/20 1555		5/22/20 1830
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Temp. Received at Lab
				KBlocker 5/22/20 1850	2-8 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/22/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0732

Report Date: 06/22/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0732

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 15, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0732-01	SB14R_7-8	Soil	06/15/2021	06/15/2021
21F0732-02	SB14R_18-20	Soil	06/15/2021	06/15/2021
21F0732-03	SB02R_8-9	Soil	06/15/2021	06/15/2021
21F0732-04	SB02R_18-20	Soil	06/15/2021	06/15/2021
21F0732-05	SODUP01_20210615	Soil	06/15/2021	06/15/2021

General Notes for York Project (SDG) No.: 21F0732

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/22/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB14R_7-8 **York Sample ID:** 21F0732-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0732	170610601	Soil	June 15, 2021 10:20 am	06/15/2021

Chromium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**18.8**		mg/kg dry	0.565	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:10	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**77.1**		mg/kg dry	1.13	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:10	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB14R_18-20 **York Sample ID:** 21F0732-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0732	170610601	Soil	June 15, 2021 10:25 am	06/15/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**24.9**		mg/kg dry	0.620	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**79.6**		mg/kg dry	1.24	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.6**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB02R_8-9 **York Sample ID:** 21F0732-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0732	170610601	Soil	June 15, 2021 1:05 pm	06/15/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**21.4**		mg/kg dry	0.567	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:28	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**121**		mg/kg dry	1.13	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:28	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.1**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB02R_18-20 **York Sample ID:** 21F0732-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0732	170610601	Soil	June 15, 2021 1:07 pm	06/15/2021

Chromium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**25.2**		mg/kg dry	0.575	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:31	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**149**		mg/kg dry	1.15	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:31	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.0**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SODUP01_20210615 **York Sample ID:** 21F0732-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0732	170610601	Soil	June 15, 2021 10:30 am	06/15/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**25.1**		mg/kg dry	0.554	1	EPA 6010D	06/18/2021 15:37	06/22/2021 09:51	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**118**		mg/kg dry	1.11	1	EPA 6010D	06/18/2021 15:37	06/22/2021 09:51	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BF10833 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0732-01	SB14R_7-8	06/16/21
21F0732-02	SB14R_18-20	06/16/21
21F0732-03	SB02R_8-9	06/16/21
21F0732-04	SB02R_18-20	06/16/21
BF10833-BLK1	Blank	06/16/21
BF10833-DUP1	Duplicate	06/16/21
BF10833-MS1	Matrix Spike	06/16/21
BF10833-PS1	Post Spike	06/16/21
BF10833-SRM1	Reference	06/16/21

Batch ID: BF10878 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0732-01	SB14R_7-8	06/17/21
21F0732-02	SB14R_18-20	06/17/21
21F0732-03	SB02R_8-9	06/17/21
21F0732-04	SB02R_18-20	06/17/21
21F0732-05	SODUP01_20210615	06/17/21
BF10878-DUP1	Duplicate	06/17/21

Batch ID: BF10978 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0732-05	SODUP01_20210615	06/18/21
BF10978-BLK1	Blank	06/18/21
BF10978-DUP1	Duplicate	06/18/21
BF10978-MS1	Matrix Spike	06/18/21
BF10978-PS1	Post Spike	06/18/21
BF10978-SRM1	Reference	06/18/21

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10833 - EPA 3050B											
Blank (BF10833-BLK1) Blank								Prepared: 06/16/2021 Analyzed: 06/17/2021			
Chromium	ND	0.500	mg/kg wet								
Nickel	ND	1.00	"								
Duplicate (BF10833-DUP1) Duplicate	*Source sample: 21F0732-01 (SB14R_7-8)							Prepared: 06/16/2021 Analyzed: 06/17/2021			
Chromium	19.0	0.565	mg/kg dry		18.8				1.30	35	
Nickel	74.8	1.13	"		77.1				2.97	35	
Matrix Spike (BF10833-MS1) Matrix Spike	*Source sample: 21F0732-01 (SB14R_7-8)							Prepared: 06/16/2021 Analyzed: 06/17/2021			
Chromium	44.3	0.565	mg/kg dry	22.6	18.8	113	75-125				
Nickel	143	1.13	"	56.5	77.1	116	75-125				
Post Spike (BF10833-PS1) Post Spike	*Source sample: 21F0732-01 (SB14R_7-8)							Prepared: 06/16/2021 Analyzed: 06/17/2021			
Chromium	0.370		ug/mL	0.200	0.166	102	75-125				
Nickel	1.24		mg/L	0.500	0.682	111	75-125				
Reference (BF10833-SRM1) Reference								Prepared: 06/16/2021 Analyzed: 06/17/2021			
Chromium	108	0.500	mg/kg wet	117		92.4	70.1-129.9				
Nickel	87.3	1.00	"	79.9		109	70.1-130.1				
Batch BF10978 - EPA 3050B											
Blank (BF10978-BLK1) Blank								Prepared: 06/18/2021 Analyzed: 06/21/2021			
Chromium	ND	0.500	mg/kg wet								
Nickel	ND	1.00	"								
Duplicate (BF10978-DUP1) Duplicate	*Source sample: 21F0859-01 (Duplicate)							Prepared: 06/18/2021 Analyzed: 06/21/2021			
Chromium	3.90	0.508	mg/kg dry		5.79				38.9	35	Non-dir.
Nickel	ND	1.02	"		1.76					35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10978 - EPA 3050B											
Matrix Spike (BF10978-MS1) Matrix Spike	*Source sample: 21F0859-01 (Matrix Spike)									Prepared: 06/18/2021 Analyzed: 06/21/2021	
Chromium	24.1	0.508	mg/kg dry	20.3	5.79	90.4	75-125				
Nickel	54.3	1.02	"	50.8	1.76	103	75-125				
Post Spike (BF10978-PS1) Post Spike	*Source sample: 21F0859-01 (Post Spike)									Prepared: 06/18/2021 Analyzed: 06/21/2021	
Chromium	0.271		ug/mL	0.200	0.0570	107	75-125				
Nickel	0.586		mg/L	0.500	0.0173	114	75-125				
Reference (BF10978-SRM1) Reference										Prepared: 06/18/2021 Analyzed: 06/21/2021	
Chromium	113	0.500	mg/kg wet	117		96.6	70.1-129.9				
Nickel	90.9	1.00	"	79.9		114	70.1-130.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10878 - % Solids Prep											
Duplicate (BF10878-DUP1) Duplicate	*Source sample: 21F0732-01 (SB14R_7-8)								Prepared: 06/17/2021 Analyzed: 06/18/2021		
% Solids	91.2	0.100	%		88.5				2.98	20	

Sample and Data Qualifiers Relating to This Work Order

M-SRD1 The serial dilution for this element was outside control limits.

M-DUPS The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity

M-CRL The RL check for this element recovered outside of control limits.

M-CCV1 The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F0732

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day
Address: 360 W 31ST ST; 8TH FLOOR NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIMBERLY SEMAN	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMAN@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
(NY ASP B Package) | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB14R_7-8	S	6/15/21 10:20	CHROMIUM, NICKEL	
~~S~~SB14R_18-20	S	10:25	CHROMIUM, NICKEL	
SB02R_8-9	S	10:05	~~STEEL ET PEST + ALPHA BHC ONLY, COPPER, LEAD, MERCURY, ZINC~~ CHROMIUM, NICKEL	
SB02R_18-20	S	13:07	CHROMIUM, NICKEL	
SODUP01_20210615	S	10:30	P375 LIST/TCL SVOC's, TAL METALS	
MS/MSD_SD01_20210615	S	10:35	P375 LIST/TCL SVOC's, TAL METALS	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU / LANGAN	6/15/21 3:50	Austen Franco	6/15/21 3:50	Austen Franco	6/15/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Tom	6/15/21 1730	Tom	6/15/21 2001		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				6/15/21 2001 ~~17:13~~ (RB)	6/15/21 3.6 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/21/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0784

Report Date: 06/21/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0784

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 16, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0784-01	SB12R_8-9	Soil	06/16/2021	06/16/2021
21F0784-02	SB12R_18-20	Soil	06/16/2021	06/16/2021
21F0784-03	SB13R_7-8	Soil	06/16/2021	06/16/2021
21F0784-04	SB13R_18.20	Soil	06/16/2021	06/16/2021
21F0784-05	SB10R_7-8	Soil	06/16/2021	06/16/2021
21F0784-06	SB10R_18-20	Soil	06/16/2021	06/16/2021
21F0784-07	SB101R_7-8	Soil	06/16/2021	06/16/2021
21F0784-10	SB13R_7-8_Hg	Soil	06/16/2021	06/16/2021
21F0784-13	SB102R_7-8	Soil	06/16/2021	06/16/2021
21F0784-16	SB107R_7-8	Soil	06/16/2021	06/16/2021
21F0784-19	SOFB01_20210616	Water	06/16/2021	06/16/2021

General Notes for York Project (SDG) No.: 21F0784

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/21/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB12R_8-9 **York Sample ID:** 21F0784-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 7:50 am	06/16/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.558	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:40	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**77.9**		mg/kg dry	1.12	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:40	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.5**		%	0.100	1	SM 2540G	06/17/2021 11:44	06/17/2021 20:47	GO
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB12R_18-20 **York Sample ID:** 21F0784-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 8:10 am	06/16/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**53.6**		mg/kg dry	0.601	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:42	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**538**		mg/kg dry	1.20	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:42	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.2**		%	0.100	1	SM 2540G	06/17/2021 11:44	06/17/2021 20:47	GO
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB13R_7-8 **York Sample ID:** 21F0784-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 9:35 am	06/16/2021

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**25.6**		mg/kg dry	2.25	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:51	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**60.5**		mg/kg dry	1.12	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:51	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G	06/17/2021 11:44	06/17/2021 20:47	GO
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB13R_18.20 **York Sample ID:** 21F0784-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 9:35 am	06/16/2021

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**16.0**		mg/kg dry	3.40	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**219**		mg/kg dry	1.70	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**58.9**		%	0.100	1	SM 2540G	06/17/2021 11:44	06/17/2021 20:47	GO
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB10R_7-8 **York Sample ID:** 21F0784-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 11:02 am	06/16/2021

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**20.0**		mg/kg dry	2.22	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:57	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**63.9**		mg/kg dry	1.11	1	EPA 6010D	06/17/2021 16:53	06/21/2021 10:57	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	1	SM 2540G	06/17/2021 11:44	06/17/2021 20:47	GO
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB10R_18-20 **York Sample ID:** 21F0784-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 11:05 am	06/16/2021

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**8.03**		mg/kg dry	2.49	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**163**		mg/kg dry	1.24	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.4**		%	0.100	1	SM 2540G	06/17/2021 11:44	06/17/2021 20:47	GO
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB101R_7-8 **York Sample ID:** 21F0784-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 8:40 am	06/16/2021

Semi-Volatiles, Select PAH & Phenols

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	06/18/2021 07:30	06/18/2021 22:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*62.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*	*24-116*

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**25.8**		mg/kg dry	2.24	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:03	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB101R_7-8 **York Sample ID:** 21F0784-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 8:40 am	06/16/2021

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.83**		mg/kg dry	0.559	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:03	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**115**		mg/kg dry	1.12	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:03	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**22.3**		mg/kg dry	2.79	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:03	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	06/17/2021 13:59	06/17/2021 20:44	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.5**		%	0.100	1	SM 2540G	06/17/2021 11:44	06/17/2021 20:47	GO
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB13R_7-8_Hg **York Sample ID:** 21F0784-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 9:37 am	06/16/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0338	1	EPA 7473	06/17/2021 13:59	06/17/2021 20:55	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.7**		%	0.100	1	SM 2540G	06/17/2021 11:44	06/17/2021 20:47	GO
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB102R_7-8 **York Sample ID:** 21F0784-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 9:52 am	06/16/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.556	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:06	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.32**		mg/kg dry	0.556	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:06	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**74.4**		mg/kg dry	1.11	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:06	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB107R_7-8 **York Sample ID:** 21F0784-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 12:42 pm	06/16/2021

Semi-Volatiles, Select PAH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	06/18/2021 07:30	06/18/2021 23:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	06/18/2021 07:30	06/18/2021 23:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	06/18/2021 07:30	06/18/2021 23:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	06/18/2021 07:30	06/18/2021 23:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	Chrysene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	06/18/2021 07:30	06/18/2021 23:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	06/18/2021 07:30	06/18/2021 23:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	06/18/2021 07:30	06/18/2021 23:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.6 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.5 %*	*24-116*

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.35**		mg/kg dry	0.542	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:09	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**34.3**		mg/kg dry	1.08	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:09	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Zinc by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**18.7**		mg/kg dry	2.71	1	EPA 6010D	06/17/2021 16:53	06/21/2021 11:09	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB107R_7-8 **York Sample ID:** 21F0784-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Soil	June 16, 2021 12:42 pm	06/16/2021

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	1	EPA 7473	06/17/2021 13:59	06/17/2021 21:05	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SOFB01_20210616 **York Sample ID:** 21F0784-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Water	June 16, 2021 1:35 pm	06/16/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB01_20210616 **York Sample ID:** 21F0784-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Water	June 16, 2021 1:35 pm	06/16/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB01_20210616 **York Sample ID:** 21F0784-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Water	June 16, 2021 1:35 pm	06/16/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/18/2021 07:23	06/18/2021 17:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.5 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*25.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.8 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB01_20210616 **York Sample ID:** 21F0784-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Water	June 16, 2021 1:35 pm	06/16/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.69**		ug/L	0.500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0500**	B	ug/L	0.0500	1	EPA 8270D SIM	06/18/2021 07:23	06/18/2021 15:25	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB01_20210616 **York Sample ID:** 21F0784-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Water	June 16, 2021 1:35 pm	06/16/2021

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**0.0847**	B	mg/L	0.0556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**0.0634**		mg/L	0.0556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	06/18/2021 09:01	06/18/2021 13:19	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	06/18/2021 09:05	06/21/2021 10:11	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	06/18/2021 09:05	06/21/2021 10:11	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	06/18/2021 09:05	06/21/2021 10:11	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	06/18/2021 09:05	06/21/2021 10:11	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	06/18/2021 09:05	06/21/2021 10:11	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB01_20210616 **York Sample ID:** 21F0784-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0784	170610601	Water	June 16, 2021 1:35 pm	06/16/2021

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	06/18/2021 09:05	06/21/2021 10:11	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	06/21/2021 15:13	06/21/2021 15:13	AD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BF10877 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0784-01	SB12R_8-9	06/17/21
21F0784-02	SB12R_18-20	06/17/21
21F0784-03	SB13R_7-8	06/17/21
21F0784-04	SB13R_18.20	06/17/21
21F0784-05	SB10R_7-8	06/17/21
21F0784-06	SB10R_18-20	06/17/21
21F0784-07	SB101R_7-8	06/17/21
21F0784-10	SB13R_7-8_Hg	06/17/21
BF10877-DUP1	Duplicate	06/17/21

Batch ID: BF10878 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0784-13	SB102R_7-8	06/17/21
21F0784-16	SB107R_7-8	06/17/21
BF10878-DUP1	Duplicate	06/17/21

Batch ID: BF10897 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0784-07	SB101R_7-8	06/17/21
21F0784-10	SB13R_7-8_Hg	06/17/21
21F0784-16	SB107R_7-8	06/17/21
BF10897-BLK1	Blank	06/17/21
BF10897-DUP1	Duplicate	06/17/21
BF10897-MS1	Matrix Spike	06/17/21
BF10897-SRM1	Reference	06/17/21

Batch ID: BF10916 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0784-01	SB12R_8-9	06/17/21
21F0784-02	SB12R_18-20	06/17/21
21F0784-03	SB13R_7-8	06/17/21
21F0784-04	SB13R_18.20	06/17/21
21F0784-05	SB10R_7-8	06/17/21
21F0784-06	SB10R_18-20	06/17/21
21F0784-07	SB101R_7-8	06/17/21
21F0784-13	SB102R_7-8	06/17/21
21F0784-16	SB107R_7-8	06/17/21
BF10916-BLK1	Blank	06/17/21
BF10916-DUP1	Duplicate	06/17/21
BF10916-MS1	Matrix Spike	06/17/21
BF10916-PS1	Post Spike	06/17/21

BF10916-SRM1	Reference	06/17/21

Batch ID: BF10927 **Preparation Method:** EPA 3510C **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
21F0784-19	SOFB01_20210616	06/18/21
BF10927-BLK1	Blank	06/18/21
BF10927-BLK2	Blank	06/18/21
BF10927-BS1	LCS	06/18/21
BF10927-BS2	LCS	06/18/21
BF10927-BSD1	LCS Dup	06/18/21

Batch ID: BF10929 **Preparation Method:** EPA 3546 SVOA **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21F0784-07	SB101R_7-8	06/18/21
21F0784-16	SB107R_7-8	06/18/21
BF10929-BLK1	Blank	06/18/21
BF10929-BS1	LCS	06/18/21
BF10929-MS1	Matrix Spike	06/18/21
BF10929-MSD1	Matrix Spike Dup	06/18/21

Batch ID: BF10940 **Preparation Method:** EPA 3015A **Prepared By:** OT

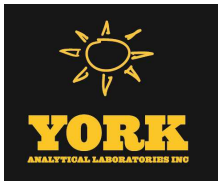
YORK Sample ID	Client Sample ID	Preparation Date
21F0784-19	SOFB01_20210616	06/18/21
BF10940-BLK1	Blank	06/18/21
BF10940-BS1	LCS	06/18/21
BF10940-DUP1	Duplicate	06/18/21
BF10940-MS1	Matrix Spike	06/18/21
BF10940-PS1	Post Spike	06/18/21

Batch ID: BF10941 **Preparation Method:** EPA 3015A **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21F0784-19	SOFB01_20210616	06/18/21
BF10941-BLK1	Blank	06/18/21
BF10941-BS1	LCS	06/18/21
BF10941-DUP1	Duplicate	06/18/21
BF10941-MS1	Matrix Spike	06/18/21

Batch ID: BF11078 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21F0784-19	SOFB01_20210616	06/21/21
BF11078-BLK1	Blank	06/21/21
BF11078-BLK2	Blank	06/21/21
BF11078-BS1	LCS	06/21/21



BF11078-BS2 LCS 06/21/21

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10927 - EPA 3510C											
Blank (BF10927-BLK1) Blank									Prepared & Analyzed: 06/18/2021		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

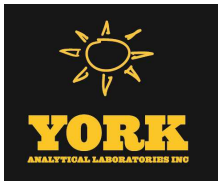
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10927 - EPA 3510C											
Blank (BF10927-BLK1) Blank								Prepared & Analyzed: 06/18/2021			
Pyridine	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*19.4*		*"*	*50.0*		*38.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*12.6*		*"*	*50.0*		*25.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.4*		*"*	*25.0*		*65.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.9*		*"*	*25.0*		*59.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.8*		*"*	*50.0*		*71.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.7*		*"*	*25.0*		*98.9*	*30.7-106*				
Blank (BF10927-BLK2) Blank								Prepared & Analyzed: 06/18/2021			
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

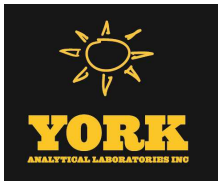
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10927 - EPA 3510C											
Blank (BF10927-BLK2) Blank									Prepared & Analyzed: 06/18/2021		
Benzyl butyl phthalate	ND	5.00	ug/L								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	0.0900	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	0.0600	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10927 - EPA 3510C											
LCS (BF10927-BS1) LCS							Prepared & Analyzed: 06/18/2021				
1,1-Biphenyl	14.2	5.00	ug/L	25.0		56.9	33-95				
1,2,4,5-Tetrachlorobenzene	11.8	5.00	"	50.0		23.6	26-120	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	15.2	5.00	"	25.0		60.8	16-141				
2,3,4,6-Tetrachlorophenol	14.8	5.00	"	25.0		59.3	30-130				
2,4,5-Trichlorophenol	13.5	5.00	"	25.0		54.1	32-114				
2,4,6-Trichlorophenol	12.6	5.00	"	25.0		50.2	35-118				
2,4-Dichlorophenol	13.8	5.00	"	25.0		55.0	25-116				
2,4-Dimethylphenol	12.1	5.00	"	25.0		48.4	15-116				
2,4-Dinitrophenol	11.9	5.00	"	25.0		47.7	10-170				
2,4-Dinitrotoluene	13.9	5.00	"	25.0		55.7	41-128				
2,6-Dinitrotoluene	14.3	5.00	"	25.0		57.2	45-116				
2-Chloronaphthalene	12.3	5.00	"	25.0		49.3	33-112				
2-Chlorophenol	12.4	5.00	"	25.0		49.8	15-120				
2-Methylnaphthalene	15.4	5.00	"	25.0		61.6	24-118				
2-Methylphenol	11.8	5.00	"	25.0		47.1	10-110				
2-Nitroaniline	14.7	5.00	"	25.0		58.9	34-129				
2-Nitrophenol	12.7	5.00	"	25.0		50.7	28-118				
3- & 4-Methylphenols	10.3	5.00	"	25.0		41.0	10-107				
3,3-Dichlorobenzidine	5.47	5.00	"	50.0		10.9	15-187	Low Bias			
3-Nitroaniline	13.8	5.00	"	25.0		55.3	24-134				
4,6-Dinitro-2-methylphenol	12.5	5.00	"	25.0		50.0	10-153				
4-Bromophenyl phenyl ether	12.2	5.00	"	25.0		48.6	34-120				
4-Chloro-3-methylphenol	15.8	5.00	"	25.0		63.0	20-120				
4-Chloroaniline	13.0	5.00	"	25.0		51.8	10-147				
4-Chlorophenyl phenyl ether	12.3	5.00	"	25.0		49.3	27-121				
4-Nitroaniline	12.9	5.00	"	25.0		51.6	13-134				
4-Nitrophenol	9.15	5.00	"	25.0		36.6	10-131				
Acetophenone	15.8	5.00	"	25.0		63.2	25-110				
Aniline	11.9	5.00	"	25.0		47.5	10-117				
Benzaldehyde	15.0	5.00	"	25.0		59.8	29-117				
Benzoic acid	6.67	5.00	"	25.0		26.7	30-130	Low Bias			
Benzyl alcohol	13.5	5.00	"	25.0		54.0	10-117				
Benzyl butyl phthalate	13.8	5.00	"	25.0		55.3	29-133				
Bis(2-chloroethoxy)methane	13.1	5.00	"	25.0		52.5	10-154				
Bis(2-chloroethyl)ether	12.8	5.00	"	25.0		51.1	17-125				
Bis(2-chloroisopropyl)ether	14.2	5.00	"	25.0		56.6	10-139				
Caprolactam	5.50	5.00	"	25.0		22.0	10-137				
Carbazole	13.8	5.00	"	25.0		55.1	42-126				
Dibenzofuran	13.1	5.00	"	25.0		52.6	36-113				
Diethyl phthalate	13.8	5.00	"	25.0		55.4	38-115				
Dimethyl phthalate	13.4	5.00	"	25.0		53.5	38-129				
Di-n-butyl phthalate	13.9	5.00	"	25.0		55.6	31-120				
Di-n-octyl phthalate	13.9	5.00	"	25.0		55.7	21-149				
Diphenylamine	16.0	5.00	"	25.0		64.1	40-140				
Hexachlorocyclopentadiene	9.37	10.0	"	25.0		37.5	10-130				
Isophorone	14.7	5.00	"	25.0		58.8	25-127				
N-nitroso-di-n-propylamine	13.8	5.00	"	25.0		55.4	26-122				
N-Nitrosodiphenylamine	16.5	5.00	"	25.0		66.1	23-149				
Phenol	7.51	5.00	"	25.0		30.0	10-110				
Pyridine	9.37	5.00	"	25.5		36.7	10-90				
Surrogate: SURR: 2-Fluorophenol	*20.8*		*"*	*50.0*		*41.7*	*19.7-63.1*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10927 - EPA 3510C											
LCS (BF10927-BS1) LCS								Prepared & Analyzed: 06/18/2021			
Surrogate: SURR: Phenol-d5	*14.0*		*ug/L*	*50.0*		*28.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.4*		*"*	*25.0*		*65.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.6*		*"*	*25.0*		*58.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.3*		*"*	*50.0*		*62.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.3*		*"*	*25.0*		*81.1*	*30.7-106*				
LCS (BF10927-BS2) LCS								Prepared & Analyzed: 06/18/2021			
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"	1.00			16-141	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.400	0.0500	"	1.00		40.0	25-116				
Acenaphthylene	0.420	0.0500	"	1.00		42.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Aniline	ND	5.00	"	1.00			10-117	Low Bias			
Anthracene	0.390	0.0500	"	1.00		39.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.560	0.0500	"	1.00		56.0	33-125				
Benzo(a)pyrene	0.440	0.0500	"	1.00		44.0	32-132				
Benzo(b)fluoranthene	0.570	0.0500	"	1.00		57.0	22-137				
Benzo(g,h,i)perylene	0.630	0.0500	"	1.00		63.0	10-138				
Benzo(k)fluoranthene	0.530	0.0500	"	1.00		53.0	20-137				
Benzoic acid	ND	5.00	"				30-130				
Benzyl alcohol	ND	5.00	"	1.00			10-117	Low Bias			
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10927 - EPA 3510C											
LCS (BF10927-BS2) LCS							Prepared & Analyzed: 06/18/2021				
Bis(2-ethylhexyl)phthalate	1.02	0.500	ug/L	1.00		102	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	0.550	0.0500	"	1.00		55.0	32-124				
Dibenzo(a,h)anthracene	0.670	0.0500	"	1.00		67.0	16-133				
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Diphenylamine	ND	5.00	"	1.00			40-140	Low Bias			
Fluoranthene	0.600	0.0500	"	1.00		60.0	32-121				
Fluorene	0.480	0.0500	"	1.00		48.0	28-118				
Hexachlorobenzene	0.420	0.0200	"	1.00		42.0	23-124				
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.610	0.0500	"	1.00		61.0	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.490	0.0500	"	1.00		49.0	18-120				
Nitrobenzene	0.450	0.250	"	1.00		45.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	0.570	0.250	"	1.00		57.0	10-156				
Phenanthrene	0.490	0.0500	"	1.00		49.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.500	0.0500	"	1.00		50.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10927 - EPA 3510C											
LCS Dup (BF10927-BSD1) LCS Dup							Prepared & Analyzed: 06/18/2021				
1,1-Biphenyl	14.3	5.00	ug/L	25.0		57.2	33-95		0.491	20	
1,2,4,5-Tetrachlorobenzene	12.1	5.00	"	50.0		24.3	26-120	Low Bias	3.01	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.2	5.00	"	25.0		68.8	16-141		12.3	20	
2,3,4,6-Tetrachlorophenol	18.3	5.00	"	25.0		73.2	30-130		21.0	20	Non-dir.
2,4,5-Trichlorophenol	14.1	5.00	"	25.0		56.3	32-114		4.06	20	
2,4,6-Trichlorophenol	13.3	5.00	"	25.0		53.0	35-118		5.50	20	
2,4-Dichlorophenol	14.6	5.00	"	25.0		58.3	25-116		5.72	20	
2,4-Dimethylphenol	14.0	5.00	"	25.0		56.2	15-116		14.9	20	
2,4-Dinitrophenol	16.7	5.00	"	25.0		67.0	10-170		33.6	20	Non-dir.
2,4-Dinitrotoluene	16.0	5.00	"	25.0		64.1	41-128		14.0	20	
2,6-Dinitrotoluene	15.0	5.00	"	25.0		60.0	45-116		4.64	20	
2-Chloronaphthalene	12.8	5.00	"	25.0		51.0	33-112		3.35	20	
2-Chlorophenol	13.1	5.00	"	25.0		52.3	15-120		5.02	20	
2-Methylnaphthalene	16.1	5.00	"	25.0		64.4	24-118		4.57	20	
2-Methylphenol	12.8	5.00	"	25.0		51.3	10-110		8.62	20	
2-Nitroaniline	15.2	5.00	"	25.0		61.0	34-129		3.40	20	
2-Nitrophenol	13.8	5.00	"	25.0		55.2	28-118		8.46	20	
3- & 4-Methylphenols	11.2	5.00	"	25.0		44.7	10-107		8.58	20	
3,3-Dichlorobenzidine	5.95	5.00	"	50.0		11.9	15-187	Low Bias	8.41	20	
3-Nitroaniline	16.1	5.00	"	25.0		64.4	24-134		15.2	20	
4,6-Dinitro-2-methylphenol	15.6	5.00	"	25.0		62.2	10-153		21.7	20	Non-dir.
4-Bromophenyl phenyl ether	14.0	5.00	"	25.0		55.9	34-120		13.9	20	
4-Chloro-3-methylphenol	16.8	5.00	"	25.0		67.4	20-120		6.69	20	
4-Chloroaniline	14.6	5.00	"	25.0		58.4	10-147		11.9	20	
4-Chlorophenyl phenyl ether	13.5	5.00	"	25.0		54.0	27-121		9.14	20	
4-Nitroaniline	16.0	5.00	"	25.0		64.0	13-134		21.6	20	Non-dir.
4-Nitrophenol	11.2	5.00	"	25.0		44.9	10-131		20.4	20	Non-dir.
Acetophenone	15.3	5.00	"	25.0		61.3	25-110		3.08	20	
Aniline	12.9	5.00	"	25.0		51.4	10-117		7.92	20	
Benzaldehyde	14.4	5.00	"	25.0		57.5	29-117		3.89	20	
Benzoic acid	7.95	5.00	"	25.0		31.8	30-130		17.5	20	
Benzyl alcohol	14.7	5.00	"	25.0		58.8	10-117		8.58	20	
Benzyl butyl phthalate	17.6	5.00	"	25.0		70.5	29-133		24.2	20	Non-dir.
Bis(2-chloroethoxy)methane	13.8	5.00	"	25.0		55.4	10-154		5.27	20	
Bis(2-chloroethyl)ether	14.8	5.00	"	25.0		59.0	17-125		14.4	20	
Bis(2-chloroisopropyl)ether	14.9	5.00	"	25.0		59.8	10-139		5.43	20	
Caprolactam	6.17	5.00	"	25.0		24.7	10-137		11.5	20	
Carbazole	16.6	5.00	"	25.0		66.3	42-126		18.4	20	
Dibenzofuran	14.2	5.00	"	25.0		56.6	36-113		7.40	20	
Diethyl phthalate	15.7	5.00	"	25.0		62.9	38-115		12.8	20	
Dimethyl phthalate	14.6	5.00	"	25.0		58.2	38-129		8.38	20	
Di-n-butyl phthalate	17.0	5.00	"	25.0		68.0	31-120		20.1	20	Non-dir.
Di-n-octyl phthalate	17.5	5.00	"	25.0		69.9	21-149		22.6	20	Non-dir.
Diphenylamine	18.6	5.00	"	25.0		74.4	40-140		14.9	20	
Hexachlorocyclopentadiene	9.35	10.0	"	25.0		37.4	10-130		0.214	20	
Isophorone	15.2	5.00	"	25.0		61.0	25-127		3.68	20	
N-nitroso-di-n-propylamine	14.4	5.00	"	25.0		57.8	26-122		4.24	20	
N-Nitrosodiphenylamine	18.9	5.00	"	25.0		75.7	23-149		13.5	20	
Phenol	7.87	5.00	"	25.0		31.5	10-110		4.68	20	
Pyridine	10.4	5.00	"	25.5		40.9	10-90		10.6	20	
Surrogate: SURR: 2-Fluorophenol	*20.6*		*"*	*50.0*		*41.3*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10927 - EPA 3510C											
LCS Dup (BF10927-BSD1) LCS Dup									Prepared & Analyzed: 06/18/2021		
Surrogate: SURR: Phenol-d5	*14.1*		*ug/L*	*50.0*		*28.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.9*		*"*	*25.0*		*63.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.9*		*"*	*25.0*		*55.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*34.2*		*"*	*50.0*		*68.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.0*		*"*	*25.0*		*92.1*	*30.7-106*				
Batch BF10929 - EPA 3546 SVOA											
Blank (BF10929-BLK1) Blank									Prepared & Analyzed: 06/18/2021		
2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.05*		*"*	*1.66*		*63.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.02*		*"*	*1.66*		*61.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.533*		*"*	*0.831*		*64.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.558*		*"*	*0.831*		*67.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.29*		*"*	*1.66*		*77.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.717*		*"*	*0.831*		*86.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10929 - EPA 3546 SVOA											
LCS (BF10929-BS1) LCS								Prepared & Analyzed: 06/18/2021			
2-Methylphenol	0.561	0.0416	mg/kg wet	0.831		67.6	10-136				
3- & 4-Methylphenols	0.492	0.0416	"	0.831		59.3	29-103				
Benzo(a)anthracene	0.587	0.0416	"	0.831		70.7	32-122				
Benzo(a)pyrene	0.688	0.0416	"	0.831		82.8	29-133				
Benzo(b)fluoranthene	0.650	0.0416	"	0.831		78.3	25-133				
Benzo(k)fluoranthene	0.602	0.0416	"	0.831		72.4	25-128				
Chrysene	0.598	0.0416	"	0.831		72.0	32-123				
Dibenzo(a,h)anthracene	0.679	0.0416	"	0.831		81.8	10-136				
Indeno(1,2,3-cd)pyrene	0.731	0.0416	"	0.831		88.0	10-135				
Naphthalene	0.545	0.0416	"	0.831		65.6	23-124				
Phenanthrene	0.535	0.0416	"	0.831		64.4	33-123				
Phenol	0.581	0.0416	"	0.831		70.0	23-115				
Pyrene	0.568	0.0416	"	0.831		68.4	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.12*		*"*	*1.66*		*67.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.06*		*"*	*1.66*		*64.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.551*		*"*	*0.831*		*66.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.562*		*"*	*0.831*		*67.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.35*		*"*	*1.66*		*81.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.746*		*"*	*0.831*		*89.8*	*24-116*				
Matrix Spike (BF10929-MS1) Matrix Spike *Source sample: 21F0635-01 (Matrix Spike)								Prepared & Analyzed: 06/18/2021			
2-Methylphenol	0.503	0.0853	mg/kg dry	0.853	ND	59.0	10-136				
3- & 4-Methylphenols	0.460	0.0853	"	0.853	ND	53.9	10-123				
Benzo(a)anthracene	0.576	0.0853	"	0.853	ND	67.6	10-158				
Benzo(a)pyrene	0.606	0.0853	"	0.853	ND	71.0	10-180				
Benzo(b)fluoranthene	0.607	0.0853	"	0.853	ND	71.2	10-200				
Benzo(k)fluoranthene	0.543	0.0853	"	0.853	ND	63.7	10-197				
Chrysene	0.574	0.0853	"	0.853	ND	67.3	10-156				
Dibenzo(a,h)anthracene	0.634	0.0853	"	0.853	ND	74.3	10-137				
Indeno(1,2,3-cd)pyrene	0.699	0.0853	"	0.853	ND	82.0	10-144				
Naphthalene	0.510	0.0853	"	0.853	ND	59.8	10-141				
Phenanthrene	0.530	0.0853	"	0.853	ND	62.2	10-148				
Phenol	0.544	0.0853	"	0.853	ND	63.8	10-126				
Pyrene	0.554	0.0853	"	0.853	ND	65.0	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.02*		*"*	*1.71*		*59.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.988*		*"*	*1.71*		*58.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.501*		*"*	*0.853*		*58.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.533*		*"*	*0.853*		*62.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.21*		*"*	*1.71*		*70.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.718*		*"*	*0.853*		*84.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10929 - EPA 3546 SVOA											
Matrix Spike Dup (BF10929-M Matrix Spike Dup	*Source sample: 21F0635-01 (Matrix Spike Dup)							Prepared & Analyzed: 06/18/2021			
2-Methylphenol	0.570	0.0853	mg/kg dry	0.853	ND	66.9	10-136		12.6	30	
3- & 4-Methylphenols	0.523	0.0853	"	0.853	ND	61.4	10-123		12.9	30	
Benzo(a)anthracene	0.642	0.0853	"	0.853	ND	75.3	10-158		10.8	30	
Benzo(a)pyrene	0.703	0.0853	"	0.853	ND	82.4	10-180		14.8	30	
Benzo(b)fluoranthene	0.683	0.0853	"	0.853	ND	80.1	10-200		11.7	30	
Benzo(k)fluoranthene	0.628	0.0853	"	0.853	ND	73.6	10-197		14.5	30	
Chrysene	0.672	0.0853	"	0.853	ND	78.8	10-156		15.8	30	
Dibenzo(a,h)anthracene	0.713	0.0853	"	0.853	ND	83.7	10-137		11.8	30	
Indeno(1,2,3-cd)pyrene	0.765	0.0853	"	0.853	ND	89.8	10-144		9.04	30	
Naphthalene	0.553	0.0853	"	0.853	ND	64.9	10-141		8.08	30	
Phenanthrene	0.568	0.0853	"	0.853	ND	66.6	10-148		6.96	30	
Phenol	0.598	0.0853	"	0.853	ND	70.2	10-126		9.56	30	
Pyrene	0.625	0.0853	"	0.853	ND	73.3	10-165		12.0	30	
Surrogate: SURR: 2-Fluorophenol	*1.10*		*"*	*1.71*		*64.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.10*		*"*	*1.71*		*64.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.565*		*"*	*0.853*		*66.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.580*		*"*	*0.853*		*68.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.34*		*"*	*1.71*		*78.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.776*		*"*	*0.853*		*91.0*	*24-116*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10916 - EPA 3050B											
Blank (BF10916-BLK1) Blank									Prepared: 06/17/2021 Analyzed: 06/21/2021		
Chromium	ND	0.500	mg/kg wet								
Copper	ND	2.00	"								
Lead	ND	0.500	"								
Nickel	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BF10916-DUP1) Duplicate	*Source sample: 21F0784-16 (SB107R_7-8)								Prepared: 06/17/2021 Analyzed: 06/21/2021		
Chromium	12.4	0.542	mg/kg dry		13.2				6.56	35	
Copper	18.5	2.17	"		17.9				3.12	35	
Lead	3.39	0.542	"		4.35				24.6	35	
Nickel	34.6	1.08	"		34.3				1.03	35	
Zinc	18.4	2.71	"		18.7				1.71	35	
Matrix Spike (BF10916-MS1) Matrix Spike	*Source sample: 21F0784-16 (SB107R_7-8)								Prepared: 06/17/2021 Analyzed: 06/21/2021		
Chromium	34.2	0.542	mg/kg dry	21.7	13.2	96.9	75-125				
Copper	47.0	2.17	"	27.1	17.9	107	75-125				
Lead	62.5	0.542	"	54.2	4.35	107	75-125				
Nickel	85.1	1.08	"	54.2	34.3	93.8	75-125				
Zinc	72.6	2.71	"	54.2	18.7	99.4	75-125				
Post Spike (BF10916-PS1) Post Spike	*Source sample: 21F0784-16 (SB107R_7-8)								Prepared: 06/17/2021 Analyzed: 06/21/2021		
Chromium	0.337		ug/mL	0.200	0.122	107	75-125				
Copper	0.438		mg/L	0.250	0.165	109	75-125				
Lead	0.625		ug/mL	0.500	0.0401	117	75-125				
Nickel	0.889		mg/L	0.500	0.316	114	75-125				
Zinc	0.727		"	0.500	0.172	111	75-125				
Reference (BF10916-SRM1) Reference									Prepared: 06/17/2021 Analyzed: 06/21/2021		
Chromium	109	0.500	mg/kg wet	117		93.5	70.1-129.9				
Copper	135	2.00	"	143		94.2	75.3-125.3				
Lead	68.6	0.500	"	77.6		88.4	70-130				
Nickel	88.7	1.00	"	79.9		111	70.1-130.1				
Zinc	289	2.50	"	312		92.7	69.9-130.1				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10940 - EPA 3015A											
Blank (BF10940-BLK1) Blank									Prepared & Analyzed: 06/18/2021		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.0913	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BF10940-BS1) LCS									Prepared & Analyzed: 06/18/2021		
Aluminum	2.03		ug/mL	2.00		101	80-120				
Barium	2.08		"	2.00		104	80-120				
Calcium	1.09		"	1.00		109	80-120				
Chromium	0.203		"	0.200		101	80-120				
Cobalt	0.520		"	0.500		104	80-120				
Copper	0.260		"	0.250		104	80-120				
Iron	1.04		"	1.00		104	80-120				
Lead	0.541		"	0.500		108	80-120				
Magnesium	1.03		"	1.00		103	80-120				
Manganese	0.521		"	0.500		104	80-120				
Nickel	0.522		"	0.500		104	80-120				
Potassium	0.998		"	1.00		99.8	80-120				
Silver	0.0518		"	0.0500		104	80-120				
Sodium	0.965		"	1.00		96.5	80-120				
Vanadium	0.509		"	0.500		102	80-120				
Zinc	0.500		"	0.500		99.9	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10940 - EPA 3015A											
Duplicate (BF10940-DUP1) Duplicate	*Source sample: 21F0799-06 (Duplicate)								Prepared & Analyzed: 06/18/2021		
Aluminum	0.0956	0.0556	mg/L		0.0942				1.55	20	
Barium	0.0278	0.0278	"		ND					20	
Calcium	21.4	0.0556	"		20.5				4.39	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	0.355	0.278	"		0.325				8.83	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	8.96	0.0556	"		8.58				4.39	20	
Manganese	0.0308	0.00556	"		0.0304				1.30	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	1.32	0.0556	"		1.27				4.22	20	
Silver	ND	0.00556	"		ND					20	
Sodium	6.50	0.556	"		6.22				4.44	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	
Matrix Spike (BF10940-MS1) Matrix Spike	*Source sample: 21F0799-06 (Matrix Spike)								Prepared & Analyzed: 06/18/2021		
Aluminum	2.43	0.0556	mg/L	2.22	0.0942	105	75-125				
Barium	2.34	0.0278	"	2.22	ND	105	75-125				
Calcium	21.5	0.0556	"	1.11	20.5	98.5	75-125				
Chromium	0.227	0.00556	"	0.222	ND	102	75-125				
Cobalt	0.572	0.00444	"	0.556	ND	103	75-125				
Copper	0.292	0.0222	"	0.278	ND	105	75-125				
Iron	1.46	0.278	"	1.11	0.325	102	75-125				
Lead	0.591	0.00556	"	0.556	ND	106	75-125				
Magnesium	9.61	0.0556	"	1.11	8.58	92.7	75-125				
Manganese	0.615	0.00556	"	0.556	0.0304	105	75-125				
Nickel	0.568	0.0111	"	0.556	ND	102	75-125				
Potassium	2.29	0.0556	"	1.11	1.27	92.2	75-125				
Silver	0.0561	0.00556	"	0.0556	ND	101	75-125				
Sodium	7.13	0.556	"	1.11	6.22	82.3	75-125				
Vanadium	0.575	0.0111	"	0.556	ND	103	75-125				
Zinc	0.564	0.0278	"	0.556	ND	101	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10940 - EPA 3015A											
Post Spike (BF10940-PS1) Post Spike	*Source sample: 21F0799-06 (Post Spike)							Prepared & Analyzed: 06/18/2021			
Aluminum	2.27		ug/mL	2.00	0.0848	109	75-125				
Barium	2.19		"	2.00	0.0246	108	75-125				
Calcium	19.6		"	1.00	18.4	121	75-125				
Chromium	0.211		"	0.200	0.000776	105	75-125				
Cobalt	0.534		"	0.500	-0.000194	107	75-125				
Copper	0.271		"	0.250	0.00133	108	75-125				
Iron	1.35		"	1.00	0.292	106	75-125				
Lead	0.556		"	0.500	0.000699	111	75-125				
Magnesium	8.68		"	1.00	7.72	96.2	75-125				
Manganese	0.575		"	0.500	0.0274	110	75-125				
Nickel	0.538		"	0.500	-0.00574	108	75-125				
Potassium	2.13		"	1.00	1.14	99.1	75-125				
Silver	0.0492		"	0.0500	0.0000914	98.2	75-125				
Sodium	6.73		"	1.00	5.60	114	75-125				
Vanadium	0.538		"	0.500	0.0000162	108	75-125				
Zinc	0.532		"	0.500	0.0134	104	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10941 - EPA 3015A											
Blank (BF10941-BLK1) Blank										Prepared: 06/18/2021 Analyzed: 06/21/2021	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BF10941-BS1) LCS										Prepared: 06/18/2021 Analyzed: 06/21/2021	
Antimony	47.3		ug/L	50.0		94.6	80-120				
Arsenic	50.8		"	50.0		102	80-120				
Beryllium	50.2		"	50.0		100	80-120				
Cadmium	46.2		"	50.0		92.5	80-120				
Selenium	43.9		"	50.0		87.8	80-120				
Thallium	49.9		"	50.0		99.9	80-120				
Duplicate (BF10941-DUP1) Duplicate *Source sample: 21F0784-19 (SOFB01_20210616)										Prepared: 06/18/2021 Analyzed: 06/21/2021	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BF10941-MS1) Matrix Spike *Source sample: 21F0784-19 (SOFB01_20210616)										Prepared: 06/18/2021 Analyzed: 06/21/2021	
Antimony	45.7		ug/L	50.0	-0.060	91.4	75-125				
Arsenic	49.9		"	50.0	0.079	99.6	75-125				
Beryllium	51.7		"	50.0	0.0002	103	75-125				
Cadmium	45.0		"	50.0	0.005	90.0	75-125				
Selenium	47.3		"	50.0	0.224	94.1	75-125				
Thallium	50.8		"	50.0	0.002	102	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10897 - EPA 7473 soil												
Blank (BF10897-BLK1)	Blank								Prepared & Analyzed: 06/17/2021			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BF10897-DUP1)	Duplicate	*Source sample: 21F0675-01 (Duplicate)							Prepared & Analyzed: 06/17/2021			
Mercury		0.0931	0.0352	mg/kg dry		0.131				34.2	35	
Matrix Spike (BF10897-MS1)	Matrix Spike	*Source sample: 21F0675-01 (Matrix Spike)							Prepared & Analyzed: 06/17/2021			
Mercury		0.582		mg/kg	0.500	0.112	93.9	75-125				
Reference (BF10897-SRM1)	Reference								Prepared & Analyzed: 06/17/2021			
Mercury		20.642		mg/kg	27.2		75.9	59.9-140.1				
Batch BF11078 - EPA SW846-7470A												
Blank (BF11078-BLK1)	Blank								Prepared & Analyzed: 06/21/2021			
Mercury		ND	0.0002	mg/L								
Blank (BF11078-BLK2)	Blank								Prepared & Analyzed: 06/21/2021			
Mercury		ND	0.0002	mg/L								
LCS (BF11078-BS1)	LCS								Prepared & Analyzed: 06/21/2021			
Mercury		0.002070	0.0002	mg/L	0.00200		104	80-120				
LCS (BF11078-BS2)	LCS								Prepared & Analyzed: 06/21/2021			
Mercury		0.002098	0.0002	mg/L	0.00200		105	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10877 - % Solids Prep												
Duplicate (BF10877-DUP1)	Duplicate	*Source sample: 21F0784-10 (SB13R_7-8_Hg)								Prepared & Analyzed: 06/17/2021		
% Solids		88.0	0.100	%		88.7				0.779	20	
Batch BF10878 - % Solids Prep												
Duplicate (BF10878-DUP1)	Duplicate	*Source sample: 21F0732-01 (Duplicate)								Prepared: 06/17/2021 Analyzed: 06/18/2021		
% Solids		91.2	0.100	%		88.5				2.98	20	

Sample and Data Qualifiers Relating to This Work Order

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SRD1	The serial dilution for this element was outside control limits.
M-CRL	The RL check for this element recovered outside of control limits.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F0784

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day
Address: 360 WEST 31ST ST. 8TH FL NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-386-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIMBERLY SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB12R-8-9	S	6/16/21 7:50	CHROMIUM, NICKEL	
SB12R-18-20	S	8:10	CHROMIUM, NICKEL	
SB13R-7-8	S	9:37	COPPER, NICKEL	
SB13R-18-20	S	9:35	COPPER, NICKEL	
SB10R-7-8	S	11:02	COPPER, NICKEL	
SB10R-18-20	S	11:05	COPPER, NICKEL	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU / LANGAN	6/16/21 3:50		6/16/21 15:30		6/16
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TGM	6/16/21 1500	TGM	6/16/21 1948		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBLOCK	6/16/21 1948 / 5.0 Degrees C

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120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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YORK Project No. 21F0784

YOUR Information	Report To:	Invoice To:
Company: LANGAN ENGINEERING	Company: SAME	Company: ~~SAME~~ SAME
Address: 360 W. 31ST ST. 8TH FL NEW YORK, NY 10001	Address:	Address:
Phone.: 631-388-2036	Phone.:	Phone.:
Contact: KIMBERLY SEMAN	Contact:	Contact:
E-mail: KSEMAN@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 BAY STREET

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

New York	✓
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS
(NY ASP B Package)		NJDEP SRP HazSite
	NJDKQP	Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB101R-7-8	S	6/16/21 8:40	SELECT SVOC'S -SEE KEY, COPPER, LEAD, MERCURY, ZINC, NICKEL	
SB101R-8-9 (HOLD)	S	8:42	SELECT SVOC'S -SEE KEY, COPPER, LEAD, MERCURY, ZINC, NICKEL [HOLD]	
SB101R-9-10 (HOLD)	S	8:44	SELECT SVOC'S -SEE KEY, COPPER, LEAD, MERCURY, ZINC, NICKEL [HOLD]	
SB13R-7-8	S	9:37	MERCURY	
SB13R-8-9 (HOLD)	S	9:41	MERCURY [HOLD]	
SB13R-9-10 (HOLD)	S	9:43	MERCURY [HOLD]	
SB102R-7-8	S	9:52	CHROMIUM, LEAD, NICKEL	
SB102R-8-9 (HOLD)	S	9:54	CHROMIUM, LEAD, NICKEL [HOLD]	
SB102R-9-10 (HOLD)	S	9:56	CHROMIUM, LEAD, NICKEL [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/16/21 3:50		6/16/21 15:50		6/16
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOM V	6/16/21 1800	TOM V	6/16/21 1948		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBlem	6/16/21 1948 / 5.0 Degrees C

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Field Chain-of-Custody Record

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YORK Project No. 21F0784

YOUR Information	Report To:	Invoice To:
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:
Phone.: 631-388-2036	Phone.:	Phone.:
Contact: KIMBERLY SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 BAY STREET

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU
Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB107R_7-8	S	6/16/21 12:42	SELECT SVOCs -SEE KEY, LEAD, MERCURY, ZINC, NICKEL	
SB107R_8-9 (HOLD)	S	12:44	SELECT SVOCs -SEE KEY, LEAD, MERCURY, ZINC, NICKEL [HOLD]	
SB107R-9-10 (HOLD)	S	12:46	SELECT SVOCs -SEE KEY, LEAD, MERCURY, ZINC, NICKEL [HOLD]	
SBFB01-20210616	FB	13:35	P375/TCL SVOC's, TAL METALS	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/16/21 3:50		6/16/21 15:50		6/16
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOM	6/16/21 1800	TOM	6/16/21 1848		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBlum	6/16/21 1948 / 5.0 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/25/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0893

Report Date: 06/25/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0893

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0893-01	SB05R_4-5	Soil	06/18/2021	06/18/2021
21F0893-02	SB05R_18-20	Soil	06/18/2021	06/18/2021
21F0893-03	SB04R_11-12	Soil	06/18/2021	06/18/2021
21F0893-04	SB04R_20-21	Soil	06/18/2021	06/18/2021
21F0893-05	SB06R_10-11	Soil	06/18/2021	06/18/2021
21F0893-06	SB06R_18-20	Soil	06/18/2021	06/18/2021
21F0893-07	SB09R_10-11	Soil	06/18/2021	06/18/2021
21F0893-08	SB09R_18-20	Soil	06/18/2021	06/18/2021
21F0893-10	SB08R_18-20	Soil	06/18/2021	06/18/2021
21F0893-11	SB109R_7-8	Soil	06/18/2021	06/18/2021
21F0893-12	SB109R_8-9	Soil	06/18/2021	06/18/2021
21F0893-13	SB109R_9-10	Soil	06/18/2021	06/18/2021
21F0893-14	SB06R_9-10	Soil	06/18/2021	06/18/2021
21F0893-17	SB09R_11-12	Soil	06/18/2021	06/18/2021
21F0893-20	SB08R_10-11	Soil	06/18/2021	06/18/2021
21F0893-21	SB08R_11-12	Soil	06/18/2021	06/18/2021
21F0893-22	SB08R_12-13	Soil	06/18/2021	06/18/2021
21F0893-23	SODUP02_061821	Soil	06/18/2021	06/18/2021
21F0893-24	SODUP03_061821	Soil	06/18/2021	06/18/2021

General Notes for York Project (SDG) No.: 21F0893

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/25/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB05R_4-5 **York Sample ID:** 21F0893-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 8:35 am	06/18/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**89.4**		mg/kg dry	1.10	1	EPA 6010D	06/21/2021 07:41	06/21/2021 17:06	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB05R_18-20 **York Sample ID:** 21F0893-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 8:40 am	06/18/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**51.1**		mg/kg dry	1.18	1	EPA 6010D	06/21/2021 07:41	06/21/2021 17:55	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.4**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB04R_11-12 **York Sample ID:** 21F0893-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 9:35 am	06/18/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**39.1**		mg/kg dry	0.589	1	EPA 6010D	06/21/2021 07:41	06/21/2021 17:58	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**234**		mg/kg dry	1.18	1	EPA 6010D	06/21/2021 07:41	06/21/2021 17:58	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.8**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB04R_20-21 **York Sample ID:** 21F0893-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 9:51 am	06/18/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**14.1**		mg/kg dry	0.571	1	EPA 6010D	06/21/2021 07:44	06/21/2021 15:52	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**93.6**		mg/kg dry	1.14	1	EPA 6010D	06/21/2021 07:44	06/21/2021 15:52	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.6**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB06R_10-11 **York Sample ID:** 21F0893-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 10:20 am	06/18/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**230**		mg/kg dry	1.17	1	EPA 6010D	06/21/2021 07:44	06/21/2021 15:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.3**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB06R_18-20 **York Sample ID:** 21F0893-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 10:22 am	06/18/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**86.8**		mg/kg dry	1.67	1	EPA 6010D	06/21/2021 07:44	06/21/2021 15:57	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**59.8**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB09R_10-11 **York Sample ID:** 21F0893-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 12:15 pm	06/18/2021

Chromium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**45.3**		mg/kg dry	0.587	1	EPA 6010D	06/21/2021 07:44	06/21/2021 15:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**318**		mg/kg dry	1.17	1	EPA 6010D	06/21/2021 07:44	06/21/2021 15:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.2**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB09R_18-20 **York Sample ID:** 21F0893-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 12:17 pm	06/18/2021

Chromium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**122**		mg/kg dry	0.966	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:02	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**488**		mg/kg dry	1.93	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:02	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**51.8**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB08R_18-20 **York Sample ID:** 21F0893-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 1:00 pm	06/18/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**94.3**		mg/kg dry	1.19	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:07	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.9**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB109R_7-8 **York Sample ID:** 21F0893-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 8:00 am	06/18/2021

Semi-Volatiles, Select PAH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.529**		mg/kg dry	0.0542	0.108	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**0.508**		mg/kg dry	0.0542	0.108	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.490**		mg/kg dry	0.0542	0.108	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.420**		mg/kg dry	0.0542	0.108	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.540**		mg/kg dry	0.0542	0.108	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	**Dibenzo(a,h)anthracene**	**0.133**		mg/kg dry	0.0542	0.108	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.412**		mg/kg dry	0.0542	0.108	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.3 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.7 %*	*24-116*

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**343**		mg/kg dry	3.26	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:16	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**28.3**		mg/kg dry	2.61	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:16	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**437**		mg/kg dry	0.653	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:16	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB109R_7-8 **York Sample ID:** 21F0893-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 8:00 am	06/18/2021

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**36.1**		mg/kg dry	1.31	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:16	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**488**		mg/kg dry	3.26	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:16	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.431**		mg/kg dry	0.0392	1	EPA 7473	06/21/2021 13:46	06/21/2021 20:05	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.6**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB109R_8-9 **York Sample ID:** 21F0893-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 8:05 am	06/18/2021

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**516**		mg/kg dry	0.681	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:41	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**117**		mg/kg dry	1.36	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:41	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**732**		mg/kg dry	3.41	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:41	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.710**		mg/kg dry	0.0409	1	EPA 7473	06/22/2021 14:49	06/22/2021 19:59	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.4**		%	0.100	1	SM 2540G	06/22/2021 15:11	06/22/2021 19:07	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB109R_9-10 **York Sample ID:** 21F0893-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 8:07 am	06/18/2021

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.31**		mg/kg dry	0.560	1	EPA 6010D	06/24/2021 16:59	06/25/2021 15:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**90.3**		mg/kg dry	1.12	1	EPA 6010D	06/24/2021 16:59	06/25/2021 15:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**25.4**		mg/kg dry	2.80	1	EPA 6010D	06/24/2021 16:59	06/25/2021 15:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	06/24/2021 14:30	06/24/2021 15:57	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	06/24/2021 17:11	06/25/2021 13:54	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB06R_9-10 **York Sample ID:** 21F0893-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 10:12 am	06/18/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**199**		mg/kg dry	1.23	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:18	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.4**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB09R_11-12 **York Sample ID:** 21F0893-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 12:19 pm	06/18/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**47.9**		mg/kg dry	0.601	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**11.4**		mg/kg dry	0.601	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**429**		mg/kg dry	1.20	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.2**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB08R_10-11 **York Sample ID:** 21F0893-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 12:58 pm	06/18/2021

Barium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**146**		mg/kg dry	2.84	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**158**		mg/kg dry	0.569	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**152**		mg/kg dry	1.14	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**105**		mg/kg dry	2.84	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.194**		mg/kg dry	0.0341	1	EPA 7473	06/21/2021 13:46	06/21/2021 20:15	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB08R_11-12 **York Sample ID:** 21F0893-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 1:02 pm	06/18/2021

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**256**		mg/kg dry	0.571	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:44	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**263**		mg/kg dry	1.14	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:44	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0680**		mg/kg dry	0.0343	1	EPA 7473	06/22/2021 14:49	06/22/2021 20:16	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.5**		%	0.100	1	SM 2540G	06/22/2021 15:11	06/22/2021 19:07	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB08R_12-13 **York Sample ID:** 21F0893-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 1:04 pm	06/18/2021

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**11.1**		mg/kg dry	0.560	1	EPA 6010D	06/24/2021 16:59	06/25/2021 15:57	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**152**		mg/kg dry	1.12	1	EPA 6010D	06/24/2021 16:59	06/25/2021 15:57	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	1	SM 2540G	06/24/2021 17:11	06/25/2021 13:54	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SODUP02_061821 **York Sample ID:** 21F0893-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 2:55 pm	06/18/2021

Semi-Volatiles, Select PAH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.0918**	J	mg/kg dry	0.0548	0.109	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0787**	J	mg/kg dry	0.0548	0.109	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	06/21/2021 07:03	06/21/2021 14:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.6 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.3 %*		*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*127 %*	S-08	*24-116*

Barium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**273**		mg/kg dry	3.30	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:26	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Copper by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**49.0**		mg/kg dry	2.64	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:26	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**619**		mg/kg dry	0.660	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:26	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SODUP02_061821 **York Sample ID:** 21F0893-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 2:55 pm	06/18/2021

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**228**		mg/kg dry	1.32	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**324**		mg/kg dry	3.30	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.368**		mg/kg dry	0.0396	1	EPA 7473	06/21/2021 13:46	06/21/2021 20:26	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.7**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SODUP03_061821 **York Sample ID:** 21F0893-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0893	170610601	Soil	June 18, 2021 2:55 pm	06/18/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**67.7**		mg/kg dry	1.10	1	EPA 6010D	06/21/2021 07:44	06/21/2021 16:28	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	1	SM 2540G	06/21/2021 10:27	06/21/2021 13:35	VR
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BF11001 **Preparation Method:** EPA 3546 SVOA **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-11	SB109R_7-8	06/21/21
21F0893-23	SODUP02_061821	06/21/21
BF11001-BLK1	Blank	06/21/21
BF11001-BS1	LCS	06/21/21
BF11001-MS1	Matrix Spike	06/21/21
BF11001-MSD1	Matrix Spike Dup	06/21/21

Batch ID: BF11005 **Preparation Method:** EPA 3050B **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-01	SB05R_4-5	06/21/21
21F0893-02	SB05R_18-20	06/21/21
21F0893-03	SB04R_11-12	06/21/21
BF11005-BLK1	Blank	06/21/21
BF11005-DUP1	Duplicate	06/21/21
BF11005-MS1	Matrix Spike	06/21/21
BF11005-PS1	Post Spike	06/21/21
BF11005-SRM1	Reference	06/21/21

Batch ID: BF11007 **Preparation Method:** EPA 3050B **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-04	SB04R_20-21	06/21/21
21F0893-05	SB06R_10-11	06/21/21
21F0893-06	SB06R_18-20	06/21/21
21F0893-07	SB09R_10-11	06/21/21
21F0893-08	SB09R_18-20	06/21/21
21F0893-10	SB08R_18-20	06/21/21
21F0893-11	SB109R_7-8	06/21/21
21F0893-14	SB06R_9-10	06/21/21
21F0893-17	SB09R_11-12	06/21/21
21F0893-20	SB08R_10-11	06/21/21
21F0893-23	SODUP02_061821	06/21/21
21F0893-24	SODUP03_061821	06/21/21
BF11007-BLK1	Blank	06/21/21
BF11007-DUP1	Duplicate	06/21/21
BF11007-MS1	Matrix Spike	06/21/21
BF11007-PS1	Post Spike	06/21/21
BF11007-SRM1	Reference	06/21/21

Batch ID: BF11038 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-01	SB05R_4-5	06/21/21

21F0893-02	SB05R_18-20	06/21/21
21F0893-03	SB04R_11-12	06/21/21
21F0893-04	SB04R_20-21	06/21/21
21F0893-05	SB06R_10-11	06/21/21
21F0893-06	SB06R_18-20	06/21/21
21F0893-07	SB09R_10-11	06/21/21
21F0893-08	SB09R_18-20	06/21/21
21F0893-10	SB08R_18-20	06/21/21
21F0893-11	SB109R_7-8	06/21/21
21F0893-14	SB06R_9-10	06/21/21
21F0893-17	SB09R_11-12	06/21/21
21F0893-20	SB08R_10-11	06/21/21
21F0893-23	SODUP02_061821	06/21/21
21F0893-24	SODUP03_061821	06/21/21
BF11038-DUP1	Duplicate	06/21/21

Batch ID: BF11059 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-11	SB109R_7-8	06/21/21
21F0893-20	SB08R_10-11	06/21/21
21F0893-23	SODUP02_061821	06/21/21
BF11059-BLK1	Blank	06/21/21
BF11059-DUP1	Duplicate	06/21/21
BF11059-MS1	Matrix Spike	06/21/21
BF11059-SRM1	Reference	06/21/21

Batch ID: BF11161 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-12	SB109R_8-9	06/22/21
21F0893-21	SB08R_11-12	06/22/21
BF11161-BLK1	Blank	06/22/21
BF11161-DUP1	Duplicate	06/22/21
BF11161-MS1	Matrix Spike	06/22/21
BF11161-SRM1	Reference	06/22/21

Batch ID: BF11165 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-12	SB109R_8-9	06/22/21
21F0893-21	SB08R_11-12	06/22/21
BF11165-DUP1	Duplicate	06/22/21

Batch ID: BF11184 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-12	SB109R_8-9	06/22/21
21F0893-21	SB08R_11-12	06/22/21

BF11184-BLK1	Blank	06/22/21
BF11184-DUP1	Duplicate	06/22/21
BF11184-MS1	Matrix Spike	06/22/21
BF11184-PS1	Post Spike	06/22/21
BF11184-SRM1	Reference	06/22/21

Batch ID: BF11336 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-13	SB109R_9-10	06/24/21
BF11336-BLK1	Blank	06/24/21
BF11336-DUP1	Duplicate	06/24/21
BF11336-MS1	Matrix Spike	06/24/21
BF11336-SRM1	Reference	06/24/21

Batch ID: BF11365 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-13	SB109R_9-10	06/24/21
21F0893-22	SB08R_12-13	06/24/21
BF11365-BLK1	Blank	06/24/21
BF11365-DUP1	Duplicate	06/24/21
BF11365-MS1	Matrix Spike	06/24/21
BF11365-PS1	Post Spike	06/24/21
BF11365-SRM1	Reference	06/24/21

Batch ID: BF11369 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21F0893-13	SB109R_9-10	06/24/21
21F0893-22	SB08R_12-13	06/24/21
BF11369-DUP1	Duplicate	06/24/21

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11001 - EPA 3546 SVOA											
Blank (BF11001-BLK1) Blank								Prepared & Analyzed: 06/21/2021			
Benzo(a)anthracene	ND	0.0416	mg/kg wet								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Surrogate: SURR: Nitrobenzene-d5	*0.633*		*"*	*0.831*		*76.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.640*		*"*	*0.831*		*77.0*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.954*		*"*	*0.831*		*115*	*24-116*				
LCS (BF11001-BS1) LCS								Prepared & Analyzed: 06/21/2021			
Benzo(a)anthracene	0.650	0.0416	mg/kg wet	0.831		78.2	32-122				
Benzo(a)pyrene	0.677	0.0416	"	0.831		81.6	29-133				
Benzo(b)fluoranthene	0.661	0.0416	"	0.831		79.6	25-133				
Benzo(k)fluoranthene	0.604	0.0416	"	0.831		72.8	25-128				
Chrysene	0.646	0.0416	"	0.831		77.8	32-123				
Dibenzo(a,h)anthracene	0.690	0.0416	"	0.831		83.0	10-136				
Indeno(1,2,3-cd)pyrene	0.714	0.0416	"	0.831		86.0	10-135				
Surrogate: SURR: Nitrobenzene-d5	*0.622*		*"*	*0.831*		*74.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.645*		*"*	*0.831*		*77.6*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.946*		*"*	*0.831*		*114*	*24-116*				
Matrix Spike (BF11001-MS1) Matrix Spike *Source sample: 21F0787-01 (Matrix Spike)								Prepared & Analyzed: 06/21/2021			
Benzo(a)anthracene	0.700	0.0984	mg/kg dry	0.983	ND	71.2	10-158				
Benzo(a)pyrene	0.710	0.0984	"	0.983	ND	72.2	10-180				
Benzo(b)fluoranthene	0.675	0.0984	"	0.983	ND	68.6	10-200				
Benzo(k)fluoranthene	0.637	0.0984	"	0.983	ND	64.8	10-197				
Chrysene	0.702	0.0984	"	0.983	ND	71.4	10-156				
Dibenzo(a,h)anthracene	0.721	0.0984	"	0.983	ND	73.4	10-137				
Indeno(1,2,3-cd)pyrene	0.727	0.0984	"	0.983	ND	73.9	10-144				
Surrogate: SURR: Nitrobenzene-d5	*0.626*		*"*	*0.983*		*63.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.647*		*"*	*0.983*		*65.8*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.971*		*"*	*0.983*		*98.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11001 - EPA 3546 SVOA											
Matrix Spike Dup (BF11001-M Matrix Spike Dup	*Source sample: 21F0787-01 (Matrix Spike Dup)							Prepared & Analyzed: 06/21/2021			
Benzo(a)anthracene	0.788	0.0984	mg/kg dry	0.983	ND	80.2	10-158		11.8	30	
Benzo(a)pyrene	0.799	0.0984	"	0.983	ND	81.3	10-180		11.8	30	
Benzo(b)fluoranthene	0.795	0.0984	"	0.983	ND	80.8	10-200		16.3	30	
Benzo(k)fluoranthene	0.712	0.0984	"	0.983	ND	72.4	10-197		11.1	30	
Chrysene	0.797	0.0984	"	0.983	ND	81.0	10-156		12.7	30	
Dibenzo(a,h)anthracene	0.821	0.0984	"	0.983	ND	83.5	10-137		13.0	30	
Indeno(1,2,3-cd)pyrene	0.867	0.0984	"	0.983	ND	88.2	10-144		17.6	30	
Surrogate: SURR: Nitrobenzene-d5	*0.710*		*"*	*0.983*		*72.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.706*		*"*	*0.983*		*71.8*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*1.07*		*"*	*0.983*		*109*	*24-116*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11005 - EPA 3050B											
Blank (BF11005-BLK1) Blank								Prepared & Analyzed: 06/21/2021			
Chromium	ND	0.500	mg/kg wet								
Nickel	ND	1.00	"								
Duplicate (BF11005-DUP1) Duplicate	*Source sample: 21F0893-01 (SB05R_4-5)							Prepared & Analyzed: 06/21/2021			
Chromium	23.5	0.548	mg/kg dry		17.5				29.6	35	
Nickel	117	1.10	"		89.4				27.0	35	
Matrix Spike (BF11005-MS1) Matrix Spike	*Source sample: 21F0893-01 (SB05R_4-5)							Prepared & Analyzed: 06/21/2021			
Chromium	35.1	0.548	mg/kg dry	21.9	17.5	80.5	75-125				
Nickel	108	1.10	"	54.8	89.4	34.8	75-125	Low Bias			
Post Spike (BF11005-PS1) Post Spike	*Source sample: 21F0893-01 (SB05R_4-5)							Prepared & Analyzed: 06/21/2021			
Chromium	0.363		ug/mL	0.200	0.159	102	75-125				
Nickel	1.37		mg/L	0.500	0.815	112	75-125				
Reference (BF11005-SRM1) Reference								Prepared & Analyzed: 06/21/2021			
Chromium	92.5	0.500	mg/kg wet	117		79.0	70.1-129.9				
Nickel	75.2	1.00	"	79.9		94.1	70.1-130.1				
Batch BF11007 - EPA 3050B											
Blank (BF11007-BLK1) Blank								Prepared & Analyzed: 06/21/2021			
Barium	ND	2.50	mg/kg wet								
Chromium	ND	0.500	"								
Copper	ND	2.00	"								
Lead	ND	0.500	"								
Nickel	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11007 - EPA 3050B											
Duplicate (BF11007-DUP1) Duplicate	*Source sample: 21F0895-04 (Duplicate)							Prepared & Analyzed: 06/21/2021			
Barium	60.7	2.98	mg/kg dry		58.4				3.90	35	
Chromium	22.1	0.595	"		16.4				29.7	35	
Copper	14.9	2.38	"		10.8				32.2	35	
Lead	10.0	0.595	"		17.9				56.8	35	Non-dir.
Nickel	17.6	1.19	"		12.8				31.8	35	
Zinc	41.0	2.98	"		43.0				4.76	35	
Matrix Spike (BF11007-MS1) Matrix Spike	*Source sample: 21F0895-04 (Matrix Spike)							Prepared & Analyzed: 06/21/2021			
Barium	305	2.98	mg/kg dry	238	58.4	103	75-125				
Chromium	44.9	0.595	"	23.8	16.4	119	75-125				
Copper	45.5	2.38	"	29.8	10.8	116	75-125				
Lead	73.8	0.595	"	59.5	17.9	93.8	75-125				
Nickel	79.0	1.19	"	59.5	12.8	111	75-125				
Zinc	100	2.98	"	59.5	43.0	96.6	75-125				
Post Spike (BF11007-PS1) Post Spike	*Source sample: 21F0895-04 (Post Spike)							Prepared & Analyzed: 06/21/2021			
Barium	2.77		ug/mL	2.00	0.490	114	75-125				
Chromium	0.354		"	0.200	0.138	108	75-125				
Copper	0.375		mg/L	0.250	0.0907	114	75-125				
Lead	0.745		ug/mL	0.500	0.151	119	75-125				
Nickel	0.692		mg/L	0.500	0.107	117	75-125				
Zinc	0.917		"	0.500	0.361	111	75-125				
Reference (BF11007-SRM1) Reference								Prepared & Analyzed: 06/21/2021			
Barium	139	2.50	mg/kg wet	138		101	75-125				
Chromium	113	0.500	"	117		96.4	70.1-129.9				
Copper	148	2.00	"	143		103	75.3-125.3				
Lead	139	0.500	"	77.6		180	70-130	High Bias			
Nickel	93.0	1.00	"	79.9		116	70.1-130.1				
Zinc	310	2.50	"	312		99.3	69.9-130.1				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11184 - EPA 3050B											
Blank (BF11184-BLK1) Blank									Prepared: 06/22/2021 Analyzed: 06/23/2021		
Lead	ND	0.500	mg/kg wet								
Nickel	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BF11184-DUP1) Duplicate	*Source sample: 21F0838-10 (Duplicate)								Prepared: 06/22/2021 Analyzed: 06/23/2021		
Lead	12.1	0.545	mg/kg dry		5.67				72.4	35	Non-dir.
Nickel	134	1.09	"		104				25.9	35	
Zinc	21.9	2.73	"		22.8				4.03	35	
Matrix Spike (BF11184-MS1) Matrix Spike	*Source sample: 21F0838-10 (Matrix Spike)								Prepared: 06/22/2021 Analyzed: 06/23/2021		
Lead	55.9	0.545	mg/kg dry	54.5	5.67	92.2	75-125				
Nickel	212	1.09	"	54.5	104	198	75-125	High Bias			
Zinc	62.1	2.73	"	54.5	22.8	72.1	75-125	Low Bias			
Post Spike (BF11184-PS1) Post Spike	*Source sample: 21F0838-10 (Post Spike)								Prepared: 06/22/2021 Analyzed: 06/23/2021		
Lead	0.611		ug/mL	0.500	0.0520	112	75-125				
Nickel	1.53		mg/L	0.500	0.950	116	75-125				
Zinc	0.728		"	0.500	0.209	104	75-125				
Reference (BF11184-SRM1) Reference									Prepared: 06/22/2021 Analyzed: 06/23/2021		
Lead	74.2	0.500	mg/kg wet	77.6		95.6	70-130				
Nickel	92.8	1.00	"	79.9		116	70.1-130.1				
Zinc	308	2.50	"	312		98.7	69.9-130.1				
Batch BF11365 - EPA 3050B											
Blank (BF11365-BLK1) Blank									Prepared: 06/24/2021 Analyzed: 06/25/2021		
Lead	ND	0.500	mg/kg wet								
Nickel	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11365 - EPA 3050B											
Duplicate (BF11365-DUP1) Duplicate	*Source sample: 21F1077-03 (Duplicate)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
Lead	45.9	0.522	mg/kg dry		47.7				3.82	35	
Nickel	8.49	1.04	"		8.70				2.38	35	
Zinc	61.7	2.61	"		51.5				18.0	35	
Matrix Spike (BF11365-MS1) Matrix Spike	*Source sample: 21F1077-03 (Matrix Spike)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
Lead	101	0.522	mg/kg dry	52.2	47.7	102	75-125				
Nickel	61.7	1.04	"	52.2	8.70	102	75-125				
Zinc	109	2.61	"	52.2	51.5	110	75-125				
Post Spike (BF11365-PS1) Post Spike	*Source sample: 21F1077-03 (Post Spike)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
Lead	0.999		ug/mL	0.500	0.457	108	75-125				
Nickel	0.643		mg/L	0.500	0.0834	112	75-125				
Zinc	1.01		"	0.500	0.494	103	75-125				
Reference (BF11365-SRM1) Reference									Prepared: 06/24/2021 Analyzed: 06/25/2021		
Lead	68.7	0.500	mg/kg wet	77.6		88.6	70-130				
Nickel	89.4	1.00	"	79.9		112	70.1-130.1				
Zinc	290	2.50	"	312		93.1	69.9-130.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11059 - EPA 7473 soil												
Blank (BF11059-BLK1)	Blank								Prepared & Analyzed: 06/21/2021			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BF11059-DUP1)	Duplicate	*Source sample: 21F0755-01 (Duplicate)							Prepared & Analyzed: 06/21/2021			
Mercury		ND	0.0328	mg/kg dry		ND					35	
Matrix Spike (BF11059-MS1)	Matrix Spike	*Source sample: 21F0755-01 (Matrix Spike)							Prepared & Analyzed: 06/21/2021			
Mercury		0.485		mg/kg	0.500	0.0157	93.9	75-125				
Reference (BF11059-SRM1)	Reference								Prepared & Analyzed: 06/21/2021			
Mercury		19.537		mg/kg	27.2		71.8	59.9-140.1				
Batch BF11161 - EPA 7473 soil												
Blank (BF11161-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BF11161-DUP1)	Duplicate	*Source sample: 21F0987-04 (Duplicate)							Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0359	mg/kg dry		ND					35	
Matrix Spike (BF11161-MS1)	Matrix Spike	*Source sample: 21F0987-04 (Matrix Spike)							Prepared & Analyzed: 06/22/2021			
Mercury		0.421		mg/kg	0.500	0.00560	83.0	75-125				
Reference (BF11161-SRM1)	Reference								Prepared & Analyzed: 06/22/2021			
Mercury		22.309		mg/kg	27.2		82.0	59.9-140.1				
Batch BF11336 - EPA 7473 soil												
Blank (BF11336-BLK1)	Blank								Prepared & Analyzed: 06/24/2021			
Mercury		ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11336 - EPA 7473 soil											
Duplicate (BF11336-DUP1) Duplicate	*Source sample: 21F0893-13 (SB109R_9-10)							Prepared & Analyzed: 06/24/2021			
Mercury	ND	0.0336	mg/kg dry		ND					35	
Matrix Spike (BF11336-MS1) Matrix Spike	*Source sample: 21F0893-13 (SB109R_9-10)							Prepared & Analyzed: 06/24/2021			
Mercury	0.476		mg/kg	0.500	0.0165	92.0	75-125				
Reference (BF11336-SRM1) Reference								Prepared & Analyzed: 06/24/2021			
Mercury	20.358		mg/kg	27.2		74.8	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11038 - % Solids Prep												
Duplicate (BF11038-DUP1)	Duplicate	*Source sample: 21F0893-01 (SB05R_4-5)								Prepared & Analyzed: 06/21/2021		
% Solids		92.1	0.100	%		91.2				0.969	20	
Batch BF11165 - % Solids Prep												
Duplicate (BF11165-DUP1)	Duplicate	*Source sample: 21F0893-21 (SB08R_11-12)								Prepared & Analyzed: 06/22/2021		
% Solids		88.9	0.100	%		87.5				1.58	20	
Batch BF11369 - % Solids Prep												
Duplicate (BF11369-DUP1)	Duplicate	*Source sample: 21F1058-03 (Duplicate)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
% Solids		88.3	0.100	%		89.0				0.801	20	

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
M-SRD1	The serial dilution for this element was outside control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F0893

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company: Same	Company: Same	170610601	RUSH - Next Day ✓
Address: 300 W 31st St., 8th Fl New York, NY 10001	Address:	Address:	**YOUR Project Name**: 475 Bay Street	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: Kimberly Semon	Contact:	Contact:		RUSH - Four Day
E-mail: Ksemon@langan.com	E-mail:	E-mail:	**YOUR PO#:**	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ¦ Other

Samples From: ✓ New York; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): ~~Summary Report~~; QA Report; NY ASP A Package; (NY ASP B Package); CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB05R-4-5	S	6/18/21 8:35	NICKEL	
SB05R_18-20	S	8:40	NICKEL	
SB04R-11-12	S	9:35	CHROMIUM, NICKEL	
SB04R-20-21	S	9:51	CHROMIUM, NICKEL	
SB06R-10-11	S	10:20	NICKEL	
SB06R-18-20	S	10:22	NICKEL	
SB09R-10-11	S	12:15	CHROMIUM, NICKEL	
SB09R-18-20	S	12:17	CHROMIUM, NICKEL	
SB08R-10-11	S	12:58	NICKEL	
SB08R-18-20	S	13:00	NICKEL	

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/18/21 1455		6/18/21 1455		6/18/21, 1700
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOM	6/18/21 1700	TOM	6/18/21 2005		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					6/18/21/20:05 — 5.4 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
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Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 210893

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company: Same	Company: Same	170610601	RUSH - Next Day ✓
Address: 360 W31st St., 8th Fl. New York, NY 10001	Address:	Address:	YOUR Project Name: 475 Bay Street	RUSH - Two Day
Phone.: 631-338-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: Kimberly Semon	Contact:	Contact:		RUSH - Four Day
E-mail: ksemon@langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Michael Au

Samples Collected by: (print your name above and sign below)

Michael A

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report
QA Report
NY ASP A Package
NY ASP B Package
CT RCP
CT RCP DQA/DUE
NJDEP Reduced Deliverables
NJDKQP
Standard Excel EDD
EQuIS (Standard)
NYSDEC EQuIS
NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB109R_7-8	S	6/8/21 8:00	SELECT SVOC's - SEE KEY, BARIUM, COPPER, LEAD, MERCURY, ZINC, NICKEL	
SB109R_8-9 (HOLD)	S	8:05	[HOLD] SELECT SVOC's - SEE KEY, BARIUM, COPPER, LEAD, MERCURY, ZINC, NICKEL	
SB109R_9-10 (HOLD)	S	8:07	[HOLD] SELECT SVOC's - SEE KEY, BARIUM, COPPER, LEAD, MERCURY, ZINC, NICKEL	
SB06R_9-10	S	10:12	NICKEL	
SB06R_10-11 (HOLD)	S	10:14	[HOLD] NICKEL	
SB06R_11-12 (HOLD)	S	10:16	[HOLD] NICKEL	
SB09R_~~9-10~~ 11-12	S	12:19	CHROMIUM, LEAD, NICKEL	
SB09R_12-13 (HOLD)	S	12:21	[HOLD] CHROMIUM, LEAD, NICKEL	
SB09R_13-14 (HOLD)	S	12:24	[HOLD] CHROMIUM, LEAD, NICKEL	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU / LANGAN	6/18/21 1455		6/18/21 1455		6/18/21 1700
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TGM	6/18/21 1700	TGM	6/18/21 2005		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					6/18/21 2005 5.4 Degrees C

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YORK Project No. 21f0893

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company: Same	Company: Same	170610601	RUSH - Next Day ✓
Address: 360 W 31st St, 8th Fl. New York, NY 10001	Address:	Address:	**YOUR Project Name**: 475 Bay School	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: Kimberly Semon	Contact:	Contact:		RUSH - Four Day
E-mail: Ksemon@langan.com	E-mail:	E-mail:	**YOUR PO#:**	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Michael Au

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ⋮ Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB08R_10-11	S	6/8/21 12:58	BARIUM, LEAD, MERCURY, NICKEL, ZINC	
SB08R_11-12 (HOLD)	S	13:02	(HOLD) BARIUM, LEAD, MERCURY, NICKEL, ZINC	
SB08R_12-13 (HOLD)	S	13:04	(HOLD) BARIUM, LEAD, MERCURY, NICKEL, ZINC	
SDUP02_061821	S	—	~~PCB's, TCL SVOC's, TAL METALS~~ BARIUM, COPPER, LEAD, MERCURY, ZINC, NICKEL	
SDUP03_061821	S	—	~~PCB's, TCL SVOC's, TAL METALS~~ NICKEL	~~SELECT SVOC's~~ SEE KEY
MS/MSD_SD02_061821	S	8:35	~~PCB's, TCL SVOC's, TAL METALS~~ NICKEL	
↑ PARENT SAMPLE: SB05R_4-5		↓		
				SELECT SVOC's - SEE KEY

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Michael Au / Langan	6/18/21 1455		6/18/21 1455		6/18/21 1700
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Tom V	6/18/21 1700	Tom V	6/18/21 2005		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					6/18/21 2:05 / 5.4 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/29/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0984

Report Date: 06/29/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0984

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 21, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0984-01	MW06_062121	Water	06/21/2021	06/21/2021

General Notes for York Project (SDG) No.: 21F0984

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By Cassie L. Mosher **Date:** 06/29/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW06_062121 **York Sample ID:** 21F0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0984	170610601	Water	June 21, 2021 11:25 am	06/21/2021

Volatile Organics, NYCDEP Sewer Discharge List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.2	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.2	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	1.3	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	1.4	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	1.1	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	1.2	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1634-04-4	*** Methyl tert-butyl ether (MTBE)**	**1.4**	J	ug/L	0.53	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:			
95-47-6	o-Xylene	ND		ug/L	1.1	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	2.3	10	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	3.3	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.81	5.0	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	3.4	15	1	EPA 624.1	06/22/2021 06:47	06/22/2021 14:12	KHA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.3 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*71-130*

Semi-Volatiles, NYCDEP Sewer Discharge List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.00	1	EPA 625	06/21/2021 19:41	06/22/2021 11:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	2.64	5.00	1	EPA 625	06/21/2021 19:41	06/22/2021 11:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.8 %*	S-04	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*25.2 %*	S-04	*39.9-105*

Sample Information

Client Sample ID: MW06_062121 **York Sample ID:** 21F0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0984	170610601	Water	June 21, 2021 11:25 am	06/21/2021

Semi-Volatiles, NYCDEP Sewer Discharge List

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*26.5 %*	S-04		*30.7-106*						

PCB (Polychlorinated Biphenyls)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 608	06/21/2021 19:47	06/22/2021 12:49	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 608	06/21/2021 19:47	06/22/2021 12:49	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 608	06/21/2021 19:47	06/22/2021 12:49	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 608	06/21/2021 19:47	06/22/2021 12:49	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 608	06/21/2021 19:47	06/22/2021 12:49	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 608	06/21/2021 19:47	06/22/2021 12:49	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 608	06/21/2021 19:47	06/22/2021 12:49	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 608	06/21/2021 19:47	06/22/2021 12:49	BJ
							Certifications:	PADEP		

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-120*

Cadmium by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00333	1	EPA 200.7	06/22/2021 09:18	06/22/2021 12:22	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Copper by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 200.7	06/22/2021 09:18	06/22/2021 12:22	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW06_062121 **York Sample ID:** 21F0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0984	170610601	Water	June 21, 2021 11:25 am	06/21/2021

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.00683**		mg/L	0.00556	1	EPA 200.7	06/22/2021 09:18	06/22/2021 12:22	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 200.7	06/22/2021 09:18	06/22/2021 12:22	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 200.7	06/22/2021 09:18	06/22/2021 12:22	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by EPA 245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 245.1 Mercury

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 245.1	06/22/2021 12:28	06/22/2021 12:28	AD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16887-00-6	**Chloride**	**59.1**		mg/L	2.50	5	EPA 300.0	06/21/2021 21:40	06/21/2021 23:56	MAO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	06/21/2021 21:40	06/21/2021 22:48	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	06/21/2021 21:40	06/21/2021 22:48	MAO
							Certifications:	NELAC-NY10854,CTDOH,PADEP		

Sample Information

Client Sample ID: MW06_062121 **York Sample ID:** 21F0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0984	170610601	Water	June 21, 2021 11:25 am	06/21/2021

Carbonaceous BOD 5-Day

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Carbonaceous BOD (5-Day)	ND		mg/L	4.0	4.05	SM 5210 B	06/23/2021 09:30	06/28/2021 12:15	PAM
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Hexavalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	SM 3500-Cr B	06/21/2021 21:15	06/21/2021 23:46	ZTS
							Certifications: NELAC-NY10854,NJDEP,CTDOH,PADEP			

Non-Polar Material

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Non-Polar Material	ND		mg/L	0.500	1	EPA 1664A	06/22/2021 15:23	06/22/2021 16:01	MAO
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** pH**	**7.39**	HT-pH	pH units	0.500	1	SM 4500 H+B	06/22/2021 15:42	06/22/2021 16:19	JAG
							Certifications: CTDOH			

Phenols, total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
64743-03-9	Phenols, total	ND		mg/L	0.0500	1	EPA 420.1/2	06/22/2021 09:54	06/22/2021 14:12	OT
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Kjeldahl Nitrogen

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Prep for SAA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Kjeldahl Nitrogen	**2.52**		mg/L	0.400	1	SM 4500-N Org D	06/21/2021 16:46	06/22/2021 17:44	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Nitrogen

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Method Specific

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Nitrogen Calculated Analyte	**2.52**		mg/L	0.0500	1	Nitrogen Calc	06/21/2021 21:40	06/22/2021 17:44	JAG
							Certifications:			

Sample Information

Client Sample ID: MW06_062121 **York Sample ID:** 21F0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0984	170610601	Water	June 21, 2021 11:25 am	06/21/2021

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Flashpoint	> 200		°F	50.0	1	EPA 1010A	06/22/2021 15:06	06/22/2021 16:12	TAJ
							Certifications:			

Total Solids (Aq)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Solids	**535**		mg/L	50.0	1	SM 2540B	06/22/2021 11:53	06/22/2021 18:26	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Suspended Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Suspended Solids	**33.0**		mg/L	3.33	1	SM 2540D	06/22/2021 08:39	06/22/2021 14:25	OT
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BF11093 **Preparation Method:** Analysis Prep for SAA **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/21/21
BF11093-BLK1	Blank	06/21/21
BF11093-BS1	LCS	06/21/21
BF11093-DUP1	Duplicate	06/21/21

Batch ID: BF11103 **Preparation Method:** EPA 3510C **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/21/21
BF11103-BLK1	Blank	06/21/21
BF11103-BS1	LCS	06/21/21
BF11103-BSD1	LCS Dup	06/21/21

Batch ID: BF11104 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GO

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/21/21
BF11104-BLK2	Blank	06/21/21
BF11104-BS2	LCS	06/21/21
BF11104-BSD2	LCS Dup	06/21/21

Batch ID: BF11105 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/21/21
BF11105-BLK1	Blank	06/21/21
BF11105-BS1	LCS	06/21/21
BF11105-DUP1	Duplicate	06/21/21
BF11105-MS1	Matrix Spike	06/21/21

Batch ID: BF11118 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21
BF11118-BLK1	Blank	06/22/21
BF11118-DUP1	Duplicate	06/22/21
BF11118-DUP2	Duplicate	06/22/21

Batch ID: BF11128 **Preparation Method:** EPA 200.7 **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21

BF11128-BLK1	Blank	06/22/21
BF11128-BS1	LCS	06/22/21
BF11128-DUP1	Duplicate	06/22/21
BF11128-MS1	Matrix Spike	06/22/21
BF11128-PS1	Post Spike	06/22/21

Batch ID: BF11133 **Preparation Method:** Analysis Preparation **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21
BF11133-BLK1	Blank	06/22/21
BF11133-BS1	LCS	06/22/21
BF11133-BS2	LCS	06/22/21
BF11133-DUP1	Duplicate	06/22/21

Batch ID: BF11137 **Preparation Method:** % Solids Prep **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21
BF11137-BLK1	Blank	06/22/21

Batch ID: BF11141 **Preparation Method:** EPA 245.1 Mercury **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21
BF11141-BLK1	Blank	06/22/21
BF11141-BLK2	Blank	06/22/21
BF11141-BS1	LCS	06/22/21
BF11141-BS2	LCS	06/22/21

Batch ID: BF11160 **Preparation Method:** EPA 300 **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/21/21
BF11160-BLK1	Blank	06/21/21
BF11160-BS1	LCS	06/21/21
BF11160-DUP1	Duplicate	06/21/21
BF11160-MS1	Matrix Spike	06/21/21

Batch ID: BF11163 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21
BF11163-SRM1	Reference	06/22/21

Batch ID: BF11172 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21
BF11172-BLK1	Blank	06/22/21
BF11172-BS1	LCS	06/22/21

Batch ID: BF11173 **Preparation Method:** Analysis Preparation **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21
BF11173-DUP1	Duplicate	06/22/21

Batch ID: BF11176 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/22/21
BF11176-BLK1	Blank	06/22/21
BF11176-BS1	LCS	06/22/21
BF11176-BSD1	LCS Dup	06/22/21

Batch ID: BF11238 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
21F0984-01	MW06_062121	06/23/21
BF11238-BLK1	Blank	06/23/21
BF11238-DUP1	Duplicate	06/23/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11176 - EPA 5030B											
Blank (BF11176-BLK1) Blank								Prepared & Analyzed: 06/22/2021			
1,1,1-Trichloroethane	ND	5.0	ug/L								
1,4-Dichlorobenzene	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chloroform	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.64*		*"*	*10.0*		*96.4*	*78-126*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*71-130*				
LCS (BF11176-BS1) LCS								Prepared & Analyzed: 06/22/2021			
1,1,1-Trichloroethane	9.3		ug/L	10.0		92.8	68-138				
1,4-Dichlorobenzene	11		"	10.0		109	82-124				
Benzene	11		"	10.0		106	72-134				
Carbon tetrachloride	9.2		"	10.0		92.0	62-145				
Chloroform	9.7		"	10.0		96.9	74-131				
Ethyl Benzene	12		"	10.0		118	80-129				
Methyl tert-butyl ether (MTBE)	9.2		"	10.0		91.6	59-135				
o-Xylene	11		"	10.0		114	81-123				
p- & m- Xylenes	24		"	20.0		120	79-130				
Tetrachloroethylene	9.0		"	10.0		90.0	77-133				
Toluene	11		"	10.0		113	83-122				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.14*		*"*	*10.0*		*91.4*	*78-126*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*71-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11176 - EPA 5030B											
LCS Dup (BF11176-BSD1) LCS Dup							Prepared & Analyzed: 06/22/2021				
1,1,1-Trichloroethane	8.9		ug/L	10.0		89.4	68-138		3.73	30	
1,4-Dichlorobenzene	10		"	10.0		104	82-124		5.35	30	
Benzene	10		"	10.0		103	72-134		3.15	30	
Carbon tetrachloride	9.0		"	10.0		89.6	62-145		2.64	30	
Chloroform	9.5		"	10.0		95.3	74-131		1.66	30	
Ethyl Benzene	11		"	10.0		114	80-129		3.61	30	
Methyl tert-butyl ether (MTBE)	9.6		"	10.0		95.5	59-135		4.17	30	
o-Xylene	11		"	10.0		112	81-123		1.86	30	
p- & m- Xylenes	23		"	20.0		116	79-130		3.18	30	
Tetrachloroethylene	8.7		"	10.0		86.9	77-133		3.50	30	
Toluene	11		"	10.0		110	83-122		2.95	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*78-126*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*71-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11103 - EPA 3510C											
Blank (BF11103-BLK1) Blank									Prepared: 06/21/2021 Analyzed: 06/22/2021		
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
Naphthalene	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*27.3*		*"*	*25.0*		*109*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*23.7*		*"*	*25.0*		*94.9*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*29.7*		*"*	*25.0*		*119*	*30.7-106*				
LCS (BF11103-BS1) LCS									Prepared: 06/21/2021 Analyzed: 06/22/2021		
1,2,4-Trichlorobenzene	22.1	5.00	ug/L	25.0		88.5	35-91				
Naphthalene	22.9	5.00	"	25.0		91.7	30-99				
Surrogate: SURR: Nitrobenzene-d5	*24.6*		*"*	*25.0*		*98.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*22.7*		*"*	*25.0*		*90.8*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*26.1*		*"*	*25.0*		*104*	*30.7-106*				
LCS Dup (BF11103-BSD1) LCS Dup									Prepared: 06/21/2021 Analyzed: 06/22/2021		
1,2,4-Trichlorobenzene	23.9	5.00	ug/L	25.0		95.8	35-91	High Bias	7.86	20	
Naphthalene	25.1	5.00	"	25.0		100	30-99	High Bias	9.04	20	
Surrogate: SURR: Nitrobenzene-d5	*22.8*		*"*	*25.0*		*91.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.9*		*"*	*25.0*		*83.6*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*19.7*		*"*	*25.0*		*78.9*	*30.7-106*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11104 - EPA SW846-3510C Low Level											
Blank (BF11104-BLK2) Blank									Prepared: 06/21/2021 Analyzed: 06/22/2021		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.155*		*"*	*0.200*		*77.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.126*		*"*	*0.200*		*63.0*	*30-120*				
LCS (BF11104-BS2) LCS									Prepared: 06/21/2021 Analyzed: 06/22/2021		
Aroclor 1016	1.04	0.0500	ug/L	1.00		104	40-120				
Aroclor 1260	0.976	0.0500	"	1.00		97.6	40-120				
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.200*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.122*		*"*	*0.200*		*61.0*	*30-120*				
LCS Dup (BF11104-BSD2) LCS Dup									Prepared: 06/21/2021 Analyzed: 06/22/2021		
Aroclor 1016	1.01	0.0500	ug/L	1.00		101	40-120		3.04	30	
Aroclor 1260	0.937	0.0500	"	1.00		93.7	40-120		4.08	30	
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.200*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.114*		*"*	*0.200*		*57.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11128 - EPA 200.7											
Blank (BF11128-BLK1) Blank								Prepared & Analyzed: 06/22/2021			
Cadmium	ND	0.00333	mg/L								
Copper	ND	0.0222	"								
Lead	ND	0.00556	"								
Nickel	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BF11128-BS1) LCS								Prepared & Analyzed: 06/22/2021			
Cadmium	0.0511		ug/mL	0.0500		102	85-115				
Copper	0.260		"	0.250		104	85-115				
Lead	0.539		"	0.500		108	85-115				
Nickel	0.501		"	0.500		100	85-115				
Zinc	0.492		"	0.500		98.4	85-115				
Duplicate (BF11128-DUP1) Duplicate *Source sample: 21F0960-02 (Duplicate)								Prepared & Analyzed: 06/22/2021			
Cadmium	ND	0.00333	mg/L		ND					20	
Copper	ND	0.0222	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Nickel	ND	0.0111	"		ND					20	
Zinc	0.0285	0.0278	"		ND					20	
Matrix Spike (BF11128-MS1) Matrix Spike *Source sample: 21F0960-02 (Matrix Spike)								Prepared & Analyzed: 06/22/2021			
Cadmium	0.0562	0.00333	mg/L	0.0556	ND	101	75-125				
Copper	0.318	0.0222	"	0.278	ND	114	75-125				
Lead	0.592	0.00556	"	0.556	ND	107	75-125				
Nickel	0.563	0.0111	"	0.556	ND	101	75-125				
Zinc	0.604	0.0278	"	0.556	ND	109	75-125				
Post Spike (BF11128-PS1) Post Spike *Source sample: 21F0960-02 (Post Spike)								Prepared & Analyzed: 06/22/2021			
Cadmium	0.0532		ug/mL	0.0500	-0.000316	106	75-125				
Copper	0.300		"	0.250	0.0118	115	75-125				
Lead	0.558		"	0.500	0.000807	111	75-125				
Nickel	0.535		"	0.500	-0.0204	107	75-125				
Zinc	0.533		"	0.500	0.00580	106	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11141 - EPA 245.1 Mercury												
Blank (BF11141-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0002000	mg/L								
Blank (BF11141-BLK2)	Blank								Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0002000	mg/L								
LCS (BF11141-BS1)	LCS								Prepared & Analyzed: 06/22/2021			
Mercury		0.001939	0.0002000	mg/L	0.00200		97.0	75-125				
LCS (BF11141-BS2)	LCS								Prepared & Analyzed: 06/22/2021			
Mercury		0.002030	0.0002000	mg/L	0.00200		101	75-125				

Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11160 - EPA 300											
Blank (BF11160-BLK1) Blank								Prepared & Analyzed: 06/21/2021			
Chloride	ND	0.500	mg/L								
Nitrate as N	ND	0.0500	"								
Nitrite as N	ND	0.0500	"								
LCS (BF11160-BS1) LCS								Prepared & Analyzed: 06/21/2021			
Chloride	9.62	0.500	mg/L	10.0		96.2	85-115				
Nitrate as N	9.98	0.0500	"	10.0		99.8	90-110				
Nitrite as N	10.1	0.0500	"	10.0		101	90-110				
Duplicate (BF11160-DUP1) Duplicate	*Source sample: 21F0984-01 (MW06_062121)							Prepared & Analyzed: 06/21/2021			
Chloride	55.5	0.500	mg/L		59.1				6.32	15	
Nitrate as N	ND	0.0500	"		ND					15	
Nitrite as N	ND	0.0500	"		ND					15	
Matrix Spike (BF11160-MS1) Matrix Spike	*Source sample: 21F0984-01 (MW06_062121)							Prepared: 06/21/2021 Analyzed: 06/22/2021			
Chloride	67.9	2.50	mg/L	10.0	59.1	88.3	85-115				
Nitrate as N	10.0	0.0500	"	10.0	ND	100	90-110				
Nitrite as N	10.1	0.0500	"	10.0	ND	101	90-110				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11093 - [CALC]												
Blank (BF11093-BLK1)	Blank								Prepared: 06/21/2021 Analyzed: 06/22/2021			
Total Nitrogen Calculated Analyte		ND	0.400	mg/L								
Total Kjeldahl Nitrogen		ND	0.400	"								
LCS (BF11093-BS1)	LCS								Prepared: 06/21/2021 Analyzed: 06/22/2021			
Total Nitrogen Calculated Analyte		6.10		mg/L								
Total Kjeldahl Nitrogen		6.10		"	5.00		122	70-130				
Duplicate (BF11093-DUP1)	Duplicate	*Source sample: 21F0725-03 (Duplicate)							Prepared: 06/21/2021 Analyzed: 06/22/2021			
Total Nitrogen Calculated Analyte		1.89	0.400	mg/L								
Total Kjeldahl Nitrogen		1.89	0.400	"		1.98				4.65	20	
Batch BF11105 - Analysis Preparation												
Blank (BF11105-BLK1)	Blank								Prepared & Analyzed: 06/21/2021			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BF11105-BS1)	LCS								Prepared & Analyzed: 06/21/2021			
Chromium, Hexavalent		0.473	0.0100	mg/L	0.500		94.6	80-120				
Duplicate (BF11105-DUP1)	Duplicate	*Source sample: 21F0960-01 (Duplicate)							Prepared & Analyzed: 06/21/2021			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BF11105-MS1)	Matrix Spike	*Source sample: 21F0960-01 (Matrix Spike)							Prepared & Analyzed: 06/21/2021			
Chromium, Hexavalent		0.496	0.0100	mg/L	0.500	ND	99.2	75-125				
Batch BF11133 - Analysis Preparation												
Blank (BF11133-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Phenols, total		ND	0.0500	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11133 - Analysis Preparation												
LCS (BF11133-BS1)	LCS								Prepared & Analyzed: 06/22/2021			
Phenols, total		0.922	0.0500	mg/L	1.00		92.2	67-116				
LCS (BF11133-BS2)	LCS								Prepared & Analyzed: 06/22/2021			
Phenols, total		0.864	0.0500	mg/L	1.00		86.4	67-116				
Duplicate (BF11133-DUP1)	Duplicate	*Source sample: 21F0984-01 (MW06_062121)							Prepared & Analyzed: 06/22/2021			
Phenols, total		ND	0.0500	mg/L		ND					15	
Batch BF11160 - [CALC]												
Blank (BF11160-BLK1)	Blank								Prepared & Analyzed: 06/21/2021			
Total Nitrogen Calculated Analyte		ND	0.0500	mg/L								
LCS (BF11160-BS1)	LCS								Prepared & Analyzed: 06/21/2021			
Total Nitrogen Calculated Analyte		20.1	0.0500	mg/L								
Duplicate (BF11160-DUP1)	Duplicate	*Source sample: 21F0984-01 (MW06_062121)							Prepared & Analyzed: 06/21/2021			
Total Nitrogen Calculated Analyte		ND	0.0500	mg/L								
Matrix Spike (BF11160-MS1)	Matrix Spike	*Source sample: 21F0984-01 (MW06_062121)							Prepared & Analyzed: 06/21/2021			
Total Nitrogen Calculated Analyte		20.1	0.0500	mg/L								
Batch BF11172 - Analysis Preparation												
Blank (BF11172-BLK1)	Blank								Prepared: 06/22/2021 Analyzed: 06/24/2021			
Non-Polar Material		ND	0.500	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11172 - Analysis Preparation												
LCS (BF11172-BS1)	LCS									Prepared: 06/22/2021 Analyzed: 06/24/2021		
Non-Polar Material		6.40	0.500	mg/L	8.00		80.0	42-96				
Batch BF11173 - Analysis Preparation												
Duplicate (BF11173-DUP1)	Duplicate	*Source sample: 21F0984-01 (MW06_062121)								Prepared & Analyzed: 06/22/2021		
pH		7.47	0.500	pH units		7.39				1.08	10	
Batch BF11238 - Analysis Preparation												
Blank (BF11238-BLK1)	Blank									Prepared: 06/23/2021 Analyzed: 06/28/2021		
Carbonaceous BOD (5-Day)		ND	1.0	mg/L								
Duplicate (BF11238-DUP1)	Duplicate	*Source sample: 21F0984-01 (MW06_062121)								Prepared: 06/23/2021 Analyzed: 06/28/2021		
Carbonaceous BOD (5-Day)		ND	4.0	mg/L		ND					200	

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11118 - % Solids Prep												
Blank (BF11118-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Total Suspended Solids		ND	2.00	mg/L								
Duplicate (BF11118-DUP1)	Duplicate	*Source sample: 21F0815-06 (Duplicate)							Prepared & Analyzed: 06/22/2021			
Total Suspended Solids		ND	5.00	mg/L		ND					15	
Duplicate (BF11118-DUP2)	Duplicate	*Source sample: 21F0871-03 (Duplicate)							Prepared & Analyzed: 06/22/2021			
Total Suspended Solids		117	10.0	mg/L		112				4.37	15	
Batch BF11137 - % Solids Prep												
Blank (BF11137-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Total Solids		ND	50.0	mg/L								
Batch BF11163 - Analysis Preparation												
Reference (BF11163-SRM1)	Reference								Prepared & Analyzed: 06/22/2021			
Flashpoint		114		°F	115		99.4	96.5-103.5				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21F0984-01	MW06_062121	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
F-01	> 200
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F0984

YOUR Information	Report To:	Invoice To:
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:
Phone.: 631-388-2036	Phone.:	Phone.:
Contact: KIM SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 BAY STREET

YOUR PO#:

Turn-Around Time

- RUSH - Next Day ✓
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

MAu

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

Summary Report; QA Report; NY ASP A Package; NY ASP B Package (circled); CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB111R_W2_6-7	S	6/21/21 14:45	MERCURY [HOLD]	
SB111R_W2_7-8	S	14:47	MERCURY [HOLD]	
SB111R_W2_8-9	S	14:49	MERCURY [HOLD]	
SB111R_W2_9-10	S	14:51	MERCURY [HOLD]	
SB111R_W2_10-11	S	14:53	MERCURY [HOLD]	
SW01_062121	W	10:25	B	
SW02_062121	W	10:45	B 8375/TCL VOCs, SVOCs, TAL METALS, PCBs, PEST.	
SW03_062121	W	11:05	PFAS, 1,4-DIOXANE	
MW06_062121	W	11:25	DEP DISCHARGE	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU / LANGAN	6/21/21 4:35	AAraneo	6/21/21 4:35	AAraneo	6/21/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOW	6/21/21 1815	TOW	6/21/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBlocklin	6/21/21 1945 / 6.0 Degrees C

York Analytical Laboratories, Inc.
Log-In Sample Chemical Preservation Record

Report Date and Time: 6/22/2021 4:50:22PM

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
21F0984-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	A				
21F0984-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	B				
21F0984-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	C				
21F0984-01	07_1000mL Amber Glass Cool to 4° C	D				
21F0984-01	07_1000mL Amber Glass Cool to 4° C	E				
21F0984-01	07_1000mL Amber Glass Cool to 4° C	F				
21F0984-01	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	G				
21F0984-01	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	H				
21F0984-01	07_1000mL Amber Glass pH <2 w/ H2SO4	I				
21F0984-01	08_1000mL Plastic Cool to 4° C	J				
21F0984-01	08_1000mL Plastic Cool to 4° C	K				
21F0984-01	10_250mL Plastic pH <2 w/ HNO3	L	**Y**			

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/25/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0985

Report Date: 06/25/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0985

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 21, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0985-03	SB08R_1_13-15	Soil	06/21/2021	06/21/2021
21F0985-12	SB108R_1_3-4	Soil	06/21/2021	06/21/2021
21F0985-13	SB108R_1_4-5	Soil	06/21/2021	06/21/2021
21F0985-14	SB108R_1_5-6	Soil	06/21/2021	06/21/2021
21F0985-18	SB108R_W1_4-5	Soil	06/21/2021	06/21/2021
21F0985-22	SB108R_N1_3-4	Soil	06/21/2021	06/21/2021
21F0985-23	SB108R_N1_4-5	Soil	06/21/2021	06/21/2021
21F0985-24	SB108R_N1_5-6	Soil	06/21/2021	06/21/2021
21F0985-28	SB108R_N2_4-5	Soil	06/21/2021	06/21/2021
21F0985-33	SB108R_S1_4-5	Soil	06/21/2021	06/21/2021
21F0985-43	SB108R_E1_4-5	Soil	06/21/2021	06/21/2021
21F0985-53	SB111R_1_8-9	Soil	06/21/2021	06/21/2021
21F0985-57	SB111R_N1_7-8	Soil	06/21/2021	06/21/2021
21F0985-58	SB111R_N1_8-9	Soil	06/21/2021	06/21/2021
21F0985-59	SB111R_N1_9-10	Soil	06/21/2021	06/21/2021
21F0985-63	SB111R_N2_8-9	Soil	06/21/2021	06/21/2021
21F0985-67	SB111R_S1_7-8	Soil	06/21/2021	06/21/2021
21F0985-68	SB111R_S1_8-9	Soil	06/21/2021	06/21/2021
21F0985-69	SB111R_S1_9-10	Soil	06/21/2021	06/21/2021
21F0985-73	SB111R_S2_8-9	Soil	06/21/2021	06/21/2021
21F0985-78	SB111R_E2_8-9	Soil	06/21/2021	06/21/2021
21F0985-82	SB111R_E1_7-8	Soil	06/21/2021	06/21/2021

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0985-83	SB111R_E1_8-9	Soil	06/21/2021	06/21/2021
21F0985-84	SB111R_E1_9-10	Soil	06/21/2021	06/21/2021
21F0985-88	SB111R_W1_8-9	Soil	06/21/2021	06/21/2021
21F0985-96	SW01_062121	Water	06/21/2021	06/21/2021
21F0985-97	SW02_062121	Water	06/21/2021	06/21/2021
21F0985-98	SW03_062121	Water	06/21/2021	06/21/2021

General Notes for York Project (SDG) No.: 21F0985

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/25/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB08R_1_13-15 **York Sample ID:** 21F0985-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 8:00 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**30.2**		mg/kg dry	2.72	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:37	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.35**		mg/kg dry	0.545	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:37	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_1_3-4 **York Sample ID:** 21F0985-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 9:22 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**1430**		mg/kg dry	3.34	1	EPA 6010D	06/24/2021 18:39	06/25/2021 14:07	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.9**		%	0.100	1	SM 2540G	06/24/2021 17:11	06/25/2021 13:54	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_1_4-5 **York Sample ID:** 21F0985-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 9:24 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**395**		mg/kg dry	3.25	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:40	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.9**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_1_5-6 **York Sample ID:** 21F0985-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 9:26 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**74.9**		mg/kg dry	2.82	1	EPA 6010D	06/24/2021 18:39	06/25/2021 14:10	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	06/24/2021 17:11	06/25/2021 13:54	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_W1_4-5 **York Sample ID:** 21F0985-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 9:39 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**136**		mg/kg dry	3.30	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:42	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.9**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_N1_3-4 **York Sample ID:** 21F0985-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 9:47 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**110**		mg/kg dry	2.79	1	EPA 6010D	06/24/2021 18:39	06/25/2021 14:12	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G	06/24/2021 17:11	06/25/2021 13:54	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_N1_4-5 **York Sample ID:** 21F0985-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 9:49 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**411**		mg/kg dry	3.06	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:45	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.6**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_N1_5-6 **York Sample ID:** 21F0985-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 9:51 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**133**		mg/kg dry	2.96	1	EPA 6010D	06/24/2021 18:39	06/25/2021 14:15	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.6**		%	0.100	1	SM 2540G	06/24/2021 17:11	06/25/2021 13:54	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_N2_4-5 **York Sample ID:** 21F0985-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 9:59 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**534**		mg/kg dry	3.44	1	EPA 6010D	06/24/2021 18:39	06/25/2021 14:18	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**72.6**		%	0.100	1	SM 2540G	06/24/2021 17:11	06/25/2021 13:54	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_S1_4-5 **York Sample ID:** 21F0985-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 10:08 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**98.2**		mg/kg dry	2.73	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:47	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.6**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108R_E1_4-5 **York Sample ID:** 21F0985-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 11:49 am	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**116**		mg/kg dry	3.21	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:50	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.9**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB111R_1_8-9 **York Sample ID:** 21F0985-53

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 12:29 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.123**		mg/kg dry	0.0346	1	EPA 7473	06/22/2021 13:44	06/22/2021 15:47	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.6**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB111R_N1_7-8 **York Sample ID:** 21F0985-57

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 12:47 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.178**		mg/kg dry	0.0355	1	EPA 7473	06/24/2021 14:27	06/24/2021 18:01	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.5**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB111R_N1_8-9 **York Sample ID:** 21F0985-58

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 12:49 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.328**		mg/kg dry	0.0383	1	EPA 7473	06/22/2021 13:44	06/22/2021 16:14	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.4**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB111R_N1_9-10 **York Sample ID:** 21F0985-59

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 12:51 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.158**		mg/kg dry	0.0336	1	EPA 7473	06/24/2021 14:27	06/24/2021 18:23	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB111R_N2_8-9 **York Sample ID:** 21F0985-63

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 1:04 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.345**		mg/kg dry	0.0336	1	EPA 7473	06/24/2021 14:27	06/24/2021 18:30	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB111R_S1_7-8 **York Sample ID:** 21F0985-67

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 1:27 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.126**		mg/kg dry	0.0327	1	EPA 7473	06/24/2021 14:27	06/24/2021 18:39	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB111R_S1_8-9 **York Sample ID:** 21F0985-68

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 1:29 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.76**		mg/kg dry	0.0544	1	EPA 7473	06/22/2021 13:44	06/22/2021 16:22	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**55.1**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB111R_S1_9-10 **York Sample ID:** 21F0985-69

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 1:31 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0361	1	EPA 7473	06/24/2021 14:27	06/24/2021 18:48	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.1**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB111R_S2_8-9 **York Sample ID:** 21F0985-73

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 1:44 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.64**		mg/kg dry	0.0401	1	EPA 7473	06/24/2021 14:27	06/24/2021 18:57	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.8**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB111R_E2_8-9 **York Sample ID:** 21F0985-78

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 2:04 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.445**		mg/kg dry	0.0399	1	EPA 7473	06/24/2021 14:27	06/24/2021 19:09	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.1**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB111R_E1_7-8 **York Sample ID:** 21F0985-82

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 2:17 pm	06/21/2021

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.177**		mg/kg dry	0.0348	1	EPA 7473	06/24/2021 14:27	06/24/2021 19:18	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.2**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB111R_E1_8-9 **York Sample ID:** 21F0985-83

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 2:19 pm	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**8.44**		mg/kg dry	0.0436	1	EPA 7473	06/22/2021 13:44	06/22/2021 17:31	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.8**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB111R_E1_9-10 **York Sample ID:** 21F0985-84

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 2:21 pm	06/21/2021

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.51**		mg/kg dry	0.0364	1	EPA 7473	06/24/2021 14:27	06/24/2021 19:27	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.4**		%	0.100	1	SM 2540G	06/23/2021 14:15	06/23/2021 17:15	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB111R_W1_8-9 **York Sample ID:** 21F0985-88

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Soil	June 21, 2021 2:34 pm	06/21/2021

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0486**		mg/kg dry	0.0356	1	EPA 7473	06/22/2021 13:44	06/22/2021 16:55	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.4**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.10**		ug/L	1.00	2.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:06	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.13	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:16	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.8 %*		*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*36.4 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.8 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.6 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.3 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*121 %*	S-08	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.933**		ug/L	0.513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.390**		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0821**	B	ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0923**	B	ug/L	0.0513	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 11:37	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	06/22/2021 08:55	06/22/2021 15:59	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**6.46**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**10.3**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**11.2**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**18.0**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**12.5**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
375-95-1	* **Perfluorononanoic acid (PFNA)**	**2.64**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:29	WL
							Certifications:			

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**6.36**		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**11.2**		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:29	WL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*67.1 %*		*25-150*
Surrogate: M5PFHxA	*56.0 %*		*25-150*
Surrogate: M4PFHpA	*52.5 %*		*25-150*
Surrogate: M3PFHxS	*76.8 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*91.1 %*		*25-150*
Surrogate: M6PFDA	*116 %*		*25-150*
Surrogate: M7PFUdA	*107 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*90.9 %*		*25-150*
Surrogate: M2PFTeDA	*68.6 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*18.2 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*89.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*42.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*26.9 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*101 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*145 %*		*25-150*
Surrogate: M2-6:2 FTS	*315 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*256 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*89.1 %*		*25-150*

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	06/21/2021 19:47	06/22/2021 09:44	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.8 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:02	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0641**		mg/L	0.0278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**18.6**		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.391**		mg/L	0.278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.941**		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0285**		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.62**	B	mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**2.61**		mg/L	0.556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.192**		mg/L	0.0278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:34	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:34	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:34	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:34	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:34	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_062121 **York Sample ID:** 21F0985-96

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:25 am	06/21/2021

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:34	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002**		mg/L	0.0002	1	EPA 7470	06/22/2021 12:22	06/22/2021 12:22	AD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.270**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.37**		ug/L	1.00	2.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:32	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 21:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*31.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*80.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*105 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.300**		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0600**	B	ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0700**	B	ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:09	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	06/22/2021 08:55	06/22/2021 16:16	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* **Perfluorobutanesulfonic acid (PFBS)**	**2.01**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
307-24-4	* **Perfluorohexanoic acid (PFHxA)**	**11.2**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**11.3**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**22.5**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**15.9**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
375-95-1	* **Perfluorononanoic acid (PFNA)**	**2.35**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**2.06**		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m	06/22/2021 14:21	06/23/2021 20:51	WL
							Certifications:			

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**8.06**		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**3.95**		ng/L	1.85	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 20:51	WL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*68.3 %*		*25-150*
Surrogate: M5PFHxA	*57.5 %*		*25-150*
Surrogate: M4PFHpA	*54.5 %*		*25-150*
Surrogate: M3PFHxS	*77.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*92.0 %*		*25-150*
Surrogate: M6PFDA	*119 %*		*25-150*
Surrogate: M7PFUdA	*113 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*95.3 %*		*25-150*
Surrogate: M2PFTeDA	*79.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*19.3 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*92.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*43.9 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*27.1 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*103 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*147 %*		*25-150*
Surrogate: M2-6:2 FTS	*336 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*281 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*97.0 %*		*25-150*

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:01	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:16	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0574**		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0631**		mg/L	0.0278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**20.4**		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.298**		mg/L	0.278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1.07**		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0225**		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3.32**	B	mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**3.26**		mg/L	0.556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.195**		mg/L	0.0278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:38	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:38	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:38	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:38	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:38	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_062121 **York Sample ID:** 21F0985-97

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 10:45 am	06/21/2021

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:38	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	06/22/2021 12:22	06/22/2021 12:22	AD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SW03_062121** **York Sample ID:** **21F0985-98**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.220**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.46**		ug/L	1.00	2.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	06/22/2021 06:47	06/22/2021 15:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 22:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.7 %*		*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*34.2 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.5 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.7 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.2 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*118 %*	S-08	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.65**		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.370**		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0800**	B	ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0900**	B	ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/23/2021 12:40	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	06/22/2021 08:55	06/22/2021 16:33	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**10.4**		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**11.9**		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**19.9**		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**12.5**		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
375-95-1	*** Perfluorononanoic acid (PFNA)**	**2.23**		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**1.97**		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.89	1	EPA 537m	06/22/2021 14:21	06/23/2021 21:13	WL
							Certifications:			

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**8.10**		ng/L	1.89	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.89	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.89	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.89	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.73	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**9.34**		ng/L	1.89	1	EPA 537m Certifications:	06/22/2021 14:21	06/23/2021 21:13	WL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*68.7 %*		*25-150*
Surrogate: M5PFHxA	*56.5 %*		*25-150*
Surrogate: M4PFHpA	*52.1 %*		*25-150*
Surrogate: M3PFHxS	*76.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*88.0 %*		*25-150*
Surrogate: M6PFDA	*113 %*		*25-150*
Surrogate: M7PFUdA	*106 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*84.8 %*		*25-150*
Surrogate: M2PFTeDA	*55.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*19.5 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*89.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*44.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*26.1 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*100 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*129 %*		*25-150*
Surrogate: M2-6:2 FTS	*303 %*	PFSu-H	*25-150*
Surrogate: M2-8:2 FTS	*282 %*	PFSu-H	*25-150*
Surrogate: M9PFNA	*91.3 %*		*25-150*

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	06/21/2021 19:47	06/22/2021 10:18	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	06/21/2021 19:47	06/22/2021 13:29	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0609**		mg/L	0.0278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**19.3**		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.977**		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0172**		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.98**	B	mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**2.89**		mg/L	0.556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.184**		mg/L	0.0278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW03_062121 **York Sample ID:** 21F0985-98

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0985	170610601	Water	June 21, 2021 11:05 am	06/21/2021

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002**		mg/L	0.0002	1	EPA 7470	06/22/2021 12:22	06/22/2021 12:22	AD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BF11104 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GO

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-96	SW01_062121	06/21/21
21F0985-96	SW01_062121	06/21/21
21F0985-97	SW02_062121	06/21/21
21F0985-97	SW02_062121	06/21/21
21F0985-98	SW03_062121	06/21/21
21F0985-98	SW03_062121	06/21/21
BF11104-BLK1	Blank	06/21/21
BF11104-BLK2	Blank	06/21/21
BF11104-BS1	LCS	06/21/21
BF11104-BS2	LCS	06/21/21
BF11104-BSD1	LCS Dup	06/21/21
BF11104-BSD2	LCS Dup	06/21/21

Batch ID: BF11107 **Preparation Method:** EPA 3050B **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-03	SB08R_1_13-15	06/22/21
21F0985-13	SB108R_1_4-5	06/22/21
21F0985-18	SB108R_W1_4-5	06/22/21
21F0985-23	SB108R_N1_4-5	06/22/21
21F0985-33	SB108R_S1_4-5	06/22/21
21F0985-43	SB108R_E1_4-5	06/22/21
BF11107-BLK1	Blank	06/22/21
BF11107-DUP1	Duplicate	06/22/21
BF11107-MS1	Matrix Spike	06/22/21
BF11107-PS1	Post Spike	06/22/21
BF11107-SRM1	Reference	06/22/21

Batch ID: BF11111 **Preparation Method:** EPA 3510C **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-96	SW01_062121	06/22/21
21F0985-97	SW02_062121	06/22/21
21F0985-98	SW03_062121	06/22/21
BF11111-BLK1	Blank	06/22/21
BF11111-BLK2	Blank	06/22/21
BF11111-BS1	LCS	06/22/21
BF11111-BS2	LCS	06/22/21
BF11111-BSD1	LCS Dup	06/22/21

Batch ID: BF11119 **Preparation Method:** EPA 3015A **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-96	SW01_062121	06/22/21

21F0985-97	SW02_062121	06/22/21
21F0985-98	SW03_062121	06/22/21
BF11119-BLK1	Blank	06/22/21
BF11119-BS1	LCS	06/22/21
BF11119-DUP1	Duplicate	06/22/21
BF11119-MS1	Matrix Spike	06/22/21

Batch ID: BF11125 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-96	SW01_062121	06/22/21
21F0985-97	SW02_062121	06/22/21
21F0985-98	SW03_062121	06/22/21
BF11125-BLK1	Blank	06/22/21
BF11125-BS1	LCS	06/22/21
BF11125-MS1	Matrix Spike	06/22/21
BF11125-MSD1	Matrix Spike Dup	06/22/21

Batch ID: BF11126 **Preparation Method:** EPA 3015A **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-96	SW01_062121	06/22/21
21F0985-97	SW02_062121	06/22/21
21F0985-98	SW03_062121	06/22/21
BF11126-BLK1	Blank	06/22/21
BF11126-BS1	LCS	06/22/21
BF11126-DUP1	Duplicate	06/22/21
BF11126-MS1	Matrix Spike	06/22/21
BF11126-PS1	Post Spike	06/22/21

Batch ID: BF11135 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-03	SB08R_1_13-15	06/22/21
21F0985-13	SB108R_1_4-5	06/22/21
21F0985-18	SB108R_W1_4-5	06/22/21
21F0985-23	SB108R_N1_4-5	06/22/21
21F0985-33	SB108R_S1_4-5	06/22/21
21F0985-43	SB108R_E1_4-5	06/22/21
21F0985-53	SB111R_1_8-9	06/22/21
21F0985-58	SB111R_N1_8-9	06/22/21
21F0985-68	SB111R_S1_8-9	06/22/21
21F0985-83	SB111R_E1_8-9	06/22/21
21F0985-88	SB111R_W1_8-9	06/22/21
BF11135-DUP1	Duplicate	06/22/21

Batch ID: BF11139 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date

21F0985-96	SW01_062121	06/22/21
21F0985-97	SW02_062121	06/22/21
21F0985-98	SW03_062121	06/22/21
BF11139-BLK1	Blank	06/22/21
BF11139-BS1	LCS	06/22/21
BF11139-DUP1	Duplicate	06/22/21
BF11139-MS1	Matrix Spike	06/22/21

Batch ID: BF11150 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-53	SB111R_1_8-9	06/22/21
21F0985-58	SB111R_N1_8-9	06/22/21
21F0985-68	SB111R_S1_8-9	06/22/21
21F0985-83	SB111R_E1_8-9	06/22/21
21F0985-88	SB111R_W1_8-9	06/22/21
BF11150-BLK1	Blank	06/22/21
BF11150-DUP1	Duplicate	06/22/21
BF11150-MS1	Matrix Spike	06/22/21
BF11150-SRM1	Reference	06/22/21

Batch ID: BF11158 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-96	SW01_062121	06/22/21
21F0985-97	SW02_062121	06/22/21
21F0985-98	SW03_062121	06/22/21
BF11158-BLK1	Blank	06/22/21
BF11158-BS1	LCS	06/22/21
BF11158-BSD1	LCS Dup	06/22/21

Batch ID: BF11176 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-96	SW01_062121	06/22/21
21F0985-97	SW02_062121	06/22/21
21F0985-98	SW03_062121	06/22/21
BF11176-BLK1	Blank	06/22/21
BF11176-BS1	LCS	06/22/21
BF11176-BSD1	LCS Dup	06/22/21

Batch ID: BF11252 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-57	SB111R_N1_7-8	06/23/21
21F0985-59	SB111R_N1_9-10	06/23/21
21F0985-63	SB111R_N2_8-9	06/23/21
21F0985-67	SB111R_S1_7-8	06/23/21
21F0985-69	SB111R_S1_9-10	06/23/21

21F0985-73	SB111R_S2_8-9	06/23/21
21F0985-78	SB111R_E2_8-9	06/23/21
21F0985-82	SB111R_E1_7-8	06/23/21
21F0985-84	SB111R_E1_9-10	06/23/21
BF11252-DUP1	Duplicate	06/23/21

Batch ID: BF11335 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-57	SB111R_N1_7-8	06/24/21
21F0985-59	SB111R_N1_9-10	06/24/21
21F0985-63	SB111R_N2_8-9	06/24/21
21F0985-67	SB111R_S1_7-8	06/24/21
21F0985-69	SB111R_S1_9-10	06/24/21
21F0985-73	SB111R_S2_8-9	06/24/21
21F0985-78	SB111R_E2_8-9	06/24/21
21F0985-82	SB111R_E1_7-8	06/24/21
21F0985-84	SB111R_E1_9-10	06/24/21
BF11335-BLK1	Blank	06/24/21
BF11335-DUP1	Duplicate	06/24/21
BF11335-MS1	Matrix Spike	06/24/21
BF11335-SRM1	Reference	06/24/21

Batch ID: BF11369 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-12	SB108R_1_3-4	06/24/21
21F0985-14	SB108R_1_5-6	06/24/21
21F0985-22	SB108R_N1_3-4	06/24/21
21F0985-24	SB108R_N1_5-6	06/24/21
21F0985-28	SB108R_N2_4-5	06/24/21
BF11369-DUP1	Duplicate	06/24/21

Batch ID: BF11371 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0985-12	SB108R_1_3-4	06/24/21
21F0985-14	SB108R_1_5-6	06/24/21
21F0985-22	SB108R_N1_3-4	06/24/21
21F0985-24	SB108R_N1_5-6	06/24/21
21F0985-28	SB108R_N2_4-5	06/24/21
BF11371-BLK1	Blank	06/24/21
BF11371-DUP1	Duplicate	06/24/21
BF11371-MS1	Matrix Spike	06/24/21
BF11371-PS1	Post Spike	06/24/21
BF11371-SRM1	Reference	06/24/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11176 - EPA 5030B											
Blank (BF11176-BLK1) Blank									Prepared & Analyzed: 06/22/2021		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11176 - EPA 5030B											
Blank (BF11176-BLK1) Blank								Prepared & Analyzed: 06/22/2021			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.64*		*"*	*10.0*		*96.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS (BF11176-BS1) LCS								Prepared & Analyzed: 06/22/2021			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	9.28		"	10.0		92.8	78-136				
1,1,2,2-Tetrachloroethane	11.8		"	10.0		118	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	9.93		"	10.0		99.3	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,2,3-Trichlorobenzene	8.86		"	10.0		88.6	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4-Trichlorobenzene	9.42		"	10.0		94.2	76-137				
1,2,4-Trimethylbenzene	12.5		"	10.0		125	82-132				
1,2-Dibromo-3-chloropropane	9.67		"	10.0		96.7	45-147				
1,2-Dibromoethane	9.67		"	10.0		96.7	83-124				
1,2-Dichlorobenzene	11.0		"	10.0		110	79-123				
1,2-Dichloroethane	9.37		"	10.0		93.7	73-132				
1,2-Dichloropropane	12.0		"	10.0		120	78-126				
1,3,5-Trimethylbenzene	12.7		"	10.0		127	80-131				
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122				
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124				
1,4-Dioxane	213		"	210		101	10-349				
2-Butanone	8.54		"	10.0		85.4	49-152				
2-Hexanone	10.8		"	10.0		108	51-146				
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145				
Acetone	7.23		"	10.0		72.3	14-150				
Acrolein	6.61		"	10.0		66.1	10-153				
Acrylonitrile	10.5		"	10.0		105	51-150				
Benzene	10.6		"	10.0		106	85-126				
Bromochloromethane	10.9		"	10.0		109	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11176 - EPA 5030B											
LCS (BF11176-BS1) LCS								Prepared & Analyzed: 06/22/2021			
Bromoform	8.63		ug/L	10.0		86.3	78-133				
Bromomethane	4.06		"	10.0		40.6	43-168	Low Bias			
Carbon disulfide	11.5		"	10.0		115	68-146				
Carbon tetrachloride	9.20		"	10.0		92.0	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				
Chloroethane	11.1		"	10.0		111	65-136				
Chloroform	9.69		"	10.0		96.9	82-128				
Chloromethane	10.5		"	10.0		105	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	80-131				
Cyclohexane	8.48		"	10.0		84.8	63-149				
Dibromochloromethane	9.48		"	10.0		94.8	80-130				
Dibromomethane	10.0		"	10.0		100	72-134				
Dichlorodifluoromethane	10.9		"	10.0		109	44-144				
Ethyl Benzene	11.8		"	10.0		118	80-131				
Hexachlorobutadiene	13.2		"	10.0		132	67-146				
Isopropylbenzene	12.5		"	10.0		125	76-140				
Methyl acetate	9.30		"	10.0		93.0	51-139				
Methyl tert-butyl ether (MTBE)	9.16		"	10.0		91.6	76-135				
Methylcyclohexane	11.2		"	10.0		112	72-143				
Methylene chloride	11.8		"	10.0		118	55-137				
n-Butylbenzene	13.5		"	10.0		135	79-132	High Bias			
n-Propylbenzene	13.1		"	10.0		131	78-133				
o-Xylene	11.4		"	10.0		114	78-130				
p- & m- Xylenes	24.0		"	20.0		120	77-133				
p-Isopropyltoluene	12.3		"	10.0		123	81-136				
sec-Butylbenzene	12.9		"	10.0		129	79-137				
Styrene	11.3		"	10.0		113	67-132				
tert-Butyl alcohol (TBA)	40.8		"	50.0		81.6	25-162				
tert-Butylbenzene	10.1		"	10.0		101	77-138				
Tetrachloroethylene	9.00		"	10.0		90.0	82-131				
Toluene	11.3		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	10.1		"	10.0		101	67-139				
Vinyl Chloride	11.8		"	10.0		118	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.14*		*"*	*10.0*		*91.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

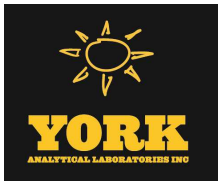
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11176 - EPA 5030B											
LCS Dup (BF11176-BSD1) LCS Dup							Prepared & Analyzed: 06/22/2021				
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126		0.398	30	
1,1,1-Trichloroethane	8.94		"	10.0		89.4	78-136		3.73	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		1.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		4.53	30	
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123		3.85	30	
1,1-Dichloroethane	9.92		"	10.0		99.2	82-129		4.63	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		5.42	30	
1,2,3-Trichlorobenzene	9.35		"	10.0		93.5	76-136		5.38	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.13	30	
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	76-137		2.10	30	
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132		7.71	30	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147		3.75	30	
1,2-Dibromoethane	10.0		"	10.0		100	83-124		3.65	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		4.18	30	
1,2-Dichloroethane	9.46		"	10.0		94.6	73-132		0.956	30	
1,2-Dichloropropane	11.8		"	10.0		118	78-126		1.17	30	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	80-131		8.19	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		6.84	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		5.35	30	
1,4-Dioxane	229		"	210		109	10-349		7.42	30	
2-Butanone	9.30		"	10.0		93.0	49-152		8.52	30	
2-Hexanone	11.6		"	10.0		116	51-146		7.94	30	
4-Methyl-2-pentanone	11.2		"	10.0		112	57-145		7.70	30	
Acetone	7.66		"	10.0		76.6	14-150		5.78	30	
Acrolein	7.07		"	10.0		70.7	10-153		6.73	30	
Acrylonitrile	10.8		"	10.0		108	51-150		3.29	30	
Benzene	10.3		"	10.0		103	85-126		3.15	30	
Bromochloromethane	11.0		"	10.0		110	77-128		0.729	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		0.985	30	
Bromoform	9.06		"	10.0		90.6	78-133		4.86	30	
Bromomethane	3.80		"	10.0		38.0	43-168	Low Bias	6.62	30	
Carbon disulfide	10.9		"	10.0		109	68-146		5.10	30	
Carbon tetrachloride	8.96		"	10.0		89.6	77-141		2.64	30	
Chlorobenzene	10.4		"	10.0		104	88-120		2.83	30	
Chloroethane	10.6		"	10.0		106	65-136		4.80	30	
Chloroform	9.53		"	10.0		95.3	82-128		1.66	30	
Chloromethane	9.77		"	10.0		97.7	43-155		7.49	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		3.70	30	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131		2.75	30	
Cyclohexane	8.20		"	10.0		82.0	63-149		3.36	30	
Dibromochloromethane	9.68		"	10.0		96.8	80-130		2.09	30	
Dibromomethane	10.1		"	10.0		101	72-134		1.09	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		6.71	30	
Ethyl Benzene	11.4		"	10.0		114	80-131		3.61	30	
Hexachlorobutadiene	13.7		"	10.0		137	67-146		4.17	30	
Isopropylbenzene	11.4		"	10.0		114	76-140		8.78	30	
Methyl acetate	9.71		"	10.0		97.1	51-139		4.31	30	
Methyl tert-butyl ether (MTBE)	9.55		"	10.0		95.5	76-135		4.17	30	
Methylcyclohexane	11.0		"	10.0		110	72-143		2.52	30	
Methylene chloride	11.6		"	10.0		116	55-137		1.45	30	
n-Butylbenzene	13.3		"	10.0		133	79-132	High Bias	1.56	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11176 - EPA 5030B											
LCS Dup (BF11176-BSD1) LCS Dup							Prepared & Analyzed: 06/22/2021				
n-Propylbenzene	11.9		ug/L	10.0		119	78-133		9.12	30	
o-Xylene	11.2		"	10.0		112	78-130		1.86	30	
p- & m- Xylenes	23.2		"	20.0		116	77-133		3.18	30	
p-Isopropyltoluene	11.5		"	10.0		115	81-136		6.74	30	
sec-Butylbenzene	12.1		"	10.0		121	79-137		6.71	30	
Styrene	11.1		"	10.0		111	67-132		1.61	30	
tert-Butyl alcohol (TBA)	44.2		"	50.0		88.4	25-162		8.02	30	
tert-Butylbenzene	9.35		"	10.0		93.5	77-138		7.91	30	
Tetrachloroethylene	8.69		"	10.0		86.9	82-131		3.50	30	
Toluene	11.0		"	10.0		110	80-127		2.95	30	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132		3.99	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131		0.661	30	
Trichloroethylene	10.3		"	10.0		103	82-128		5.01	30	
Trichlorofluoromethane	9.50		"	10.0		95.0	67-139		5.92	30	
Vinyl Chloride	10.7		"	10.0		107	58-145		9.07	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF11111 - EPA 3510C

Blank (BF11111-BLK1) Blank — Prepared & Analyzed: 06/22/2021

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
Blank (BF11111-BLK1) Blank									Prepared & Analyzed: 06/22/2021		
Surrogate: SURR: 2-Fluorophenol	*24.1*		*ug/L*	*50.0*		*48.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*16.0*		*"*	*50.0*		*32.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.0*		*"*	*25.0*		*75.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.1*		*"*	*25.0*		*80.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*46.9*		*"*	*50.0*		*93.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*29.8*		*"*	*25.0*		*119*	*30.7-106*				
Blank (BF11111-BLK2) Blank									Prepared & Analyzed: 06/22/2021		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0800	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	0.0800	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BF11111 - EPA 3510C

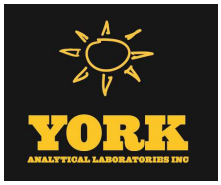
LCS (BF11111-BS1) LCS — Prepared & Analyzed: 06/22/2021

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.5	33-95				
1,2,4,5-Tetrachlorobenzene	17.0	5.00	"	50.0		34.0	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	17.4	5.00	"	25.0		69.8	16-141				
2,3,4,6-Tetrachlorophenol	18.9	5.00	"	25.0		75.5	30-130				
2,4,5-Trichlorophenol	20.2	5.00	"	25.0		80.8	32-114				
2,4,6-Trichlorophenol	19.6	5.00	"	25.0		78.2	35-118				
2,4-Dichlorophenol	17.4	5.00	"	25.0		69.7	25-116				
2,4-Dimethylphenol	14.9	5.00	"	25.0		59.5	15-116				
2,4-Dinitrophenol	27.4	5.00	"	25.0		110	10-170				
2,4-Dinitrotoluene	24.2	5.00	"	25.0		97.0	41-128				
2,6-Dinitrotoluene	24.6	5.00	"	25.0		98.4	45-116				
2-Chloronaphthalene	18.0	5.00	"	25.0		71.8	33-112				
2-Chlorophenol	16.9	5.00	"	25.0		67.4	15-120				
2-Methylnaphthalene	18.0	5.00	"	25.0		72.0	24-118				
2-Methylphenol	16.2	5.00	"	25.0		65.0	10-110				
2-Nitroaniline	23.0	5.00	"	25.0		91.9	34-129				
2-Nitrophenol	20.3	5.00	"	25.0		81.3	28-118				
3- & 4-Methylphenols	14.3	5.00	"	25.0		57.3	10-107				
3,3-Dichlorobenzidine	18.8	5.00	"	50.0		37.6	15-187				
3-Nitroaniline	19.9	5.00	"	25.0		79.7	24-134				
4,6-Dinitro-2-methylphenol	26.8	5.00	"	25.0		107	10-153				
4-Bromophenyl phenyl ether	18.2	5.00	"	25.0		72.9	34-120				
4-Chloro-3-methylphenol	17.4	5.00	"	25.0		69.5	20-120				
4-Chloroaniline	15.2	5.00	"	25.0		60.8	10-147				
4-Chlorophenyl phenyl ether	18.6	5.00	"	25.0		74.4	27-121				
4-Nitroaniline	19.8	5.00	"	25.0		79.0	13-134				
4-Nitrophenol	10.4	5.00	"	25.0		41.6	10-131				
Acetophenone	18.7	5.00	"	25.0		74.7	25-110				
Aniline	15.0	5.00	"	25.0		59.8	10-117				
Benzaldehyde	19.2	5.00	"	25.0		76.6	29-117				
Benzoic acid	9.40	5.00	"	25.0		37.6	30-130				
Benzyl alcohol	18.3	5.00	"	25.0		73.2	10-117				
Benzyl butyl phthalate	22.8	5.00	"	25.0		91.2	29-133				
Bis(2-chloroethoxy)methane	15.8	5.00	"	25.0		63.4	10-154				
Bis(2-chloroethyl)ether	16.9	5.00	"	25.0		67.5	17-125				
Bis(2-chloroisopropyl)ether	14.8	5.00	"	25.0		59.0	10-139				
Caprolactam	6.14	5.00	"	25.0		24.6	10-137				
Carbazole	18.4	5.00	"	25.0		73.6	42-126				
Dibenzofuran	19.2	5.00	"	25.0		76.6	36-113				
Diethyl phthalate	19.3	5.00	"	25.0		77.2	38-115				
Dimethyl phthalate	19.0	5.00	"	25.0		76.0	38-129				
Di-n-butyl phthalate	20.6	5.00	"	25.0		82.2	31-120				
Di-n-octyl phthalate	24.1	5.00	"	25.0		96.4	21-149				
Diphenylamine	22.2	5.00	"	25.0		88.6	40-140				
Hexachlorocyclopentadiene	11.5	10.0	"	25.0		46.0	10-130				
Isophorone	16.1	5.00	"	25.0		64.3	25-127				
N-nitroso-di-n-propylamine	15.8	5.00	"	25.0		63.0	26-122				
N-Nitrosodiphenylamine	21.3	5.00	"	25.0		85.4	23-149				
Phenol	9.62	5.00	"	25.0		38.5	10-110				
Pyridine	10.8	5.00	"	25.5		42.2	10-90				
Surrogate: SURR: 2-Fluorophenol	*23.2*		*"*	*50.0*		*46.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
LCS (BF11111-BS1) LCS									Prepared & Analyzed: 06/22/2021		
Surrogate: SURR: Phenol-d5	*16.2*		*ug/L*	*50.0*		*32.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.2*		*"*	*25.0*		*69.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.7*		*"*	*25.0*		*74.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.6*		*"*	*50.0*		*91.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*27.8*		*"*	*25.0*		*111*	*30.7-106*				
LCS (BF11111-BS2) LCS									Prepared & Analyzed: 06/22/2021		
Acenaphthene	0.650	0.0500	ug/L				25-116				
Acenaphthylene	0.680	0.0500	"				26-116				
Anthracene	0.600	0.0500	"				25-123				
Benzo(a)anthracene	0.800	0.0500	"				33-125				
Benzo(a)pyrene	0.620	0.0500	"				32-132				
Benzo(b)fluoranthene	0.840	0.0500	"				22-137				
Benzo(g,h,i)perylene	0.810	0.0500	"				10-138				
Benzo(k)fluoranthene	0.790	0.0500	"				20-137				
Bis(2-ethylhexyl)phthalate	1.20	0.500	"				10-189				
Chrysene	0.810	0.0500	"				32-124				
Dibenzo(a,h)anthracene	0.870	0.0500	"				16-133				
Fluoranthene	0.920	0.0500	"				32-121				
Fluorene	0.790	0.0500	"				28-118				
Hexachlorobenzene	0.640	0.0200	"				23-124				
Hexachlorobutadiene	0.640	0.500	"				15-123				
Hexachloroethane	0.610	0.500	"				18-115				
Indeno(1,2,3-cd)pyrene	0.810	0.0500	"				15-135				
Naphthalene	0.700	0.0500	"				18-120				
Nitrobenzene	0.700	0.250	"				21-121				
N-Nitrosodimethylamine	ND	0.500	"				10-124				
Pentachlorophenol	0.640	0.250	"				10-156				
Phenanthrene	0.780	0.0500	"				24-127				
Pyrene	0.720	0.0500	"				31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
LCS Dup (BF11111-BSD1) LCS Dup							Prepared & Analyzed: 06/22/2021				
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.4	33-95		0.114	20	
1,2,4,5-Tetrachlorobenzene	17.1	5.00	"	50.0		34.3	26-120		0.880	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.7	5.00	"	25.0		70.6	16-141		1.25	20	
2,3,4,6-Tetrachlorophenol	19.3	5.00	"	25.0		77.3	30-130		2.30	20	
2,4,5-Trichlorophenol	20.4	5.00	"	25.0		81.4	32-114		0.740	20	
2,4,6-Trichlorophenol	19.6	5.00	"	25.0		78.6	35-118		0.510	20	
2,4-Dichlorophenol	17.1	5.00	"	25.0		68.5	25-116		1.74	20	
2,4-Dimethylphenol	15.0	5.00	"	25.0		60.0	15-116		0.870	20	
2,4-Dinitrophenol	27.8	5.00	"	25.0		111	10-170		1.49	20	
2,4-Dinitrotoluene	23.9	5.00	"	25.0		95.5	41-128		1.54	20	
2,6-Dinitrotoluene	24.0	5.00	"	25.0		96.2	45-116		2.26	20	
2-Chloronaphthalene	17.5	5.00	"	25.0		70.0	33-112		2.65	20	
2-Chlorophenol	16.4	5.00	"	25.0		65.8	15-120		2.52	20	
2-Methylnaphthalene	17.4	5.00	"	25.0		69.6	24-118		3.33	20	
2-Methylphenol	15.4	5.00	"	25.0		61.5	10-110		5.57	20	
2-Nitroaniline	22.0	5.00	"	25.0		87.8	34-129		4.54	20	
2-Nitrophenol	20.9	5.00	"	25.0		83.6	28-118		2.86	20	
3- & 4-Methylphenols	13.6	5.00	"	25.0		54.3	10-107		5.45	20	
3,3-Dichlorobenzidine	19.5	5.00	"	50.0		39.0	15-187		3.60	20	
3-Nitroaniline	20.2	5.00	"	25.0		80.6	24-134		1.10	20	
4,6-Dinitro-2-methylphenol	26.4	5.00	"	25.0		106	10-153		1.32	20	
4-Bromophenyl phenyl ether	18.2	5.00	"	25.0		72.7	34-120		0.275	20	
4-Chloro-3-methylphenol	16.8	5.00	"	25.0		67.2	20-120		3.33	20	
4-Chloroaniline	14.6	5.00	"	25.0		58.4	10-147		3.89	20	
4-Chlorophenyl phenyl ether	18.4	5.00	"	25.0		73.8	27-121		0.918	20	
4-Nitroaniline	19.9	5.00	"	25.0		79.5	13-134		0.656	20	
4-Nitrophenol	9.84	5.00	"	25.0		39.4	10-131		5.44	20	
Acetophenone	17.8	5.00	"	25.0		71.0	25-110		5.00	20	
Aniline	14.7	5.00	"	25.0		58.9	10-117		1.62	20	
Benzaldehyde	19.2	5.00	"	25.0		76.7	29-117		0.104	20	
Benzoic acid	9.64	5.00	"	25.0		38.6	30-130		2.52	20	
Benzyl alcohol	18.4	5.00	"	25.0		73.5	10-117		0.382	20	
Benzyl butyl phthalate	23.2	5.00	"	25.0		92.7	29-133		1.61	20	
Bis(2-chloroethoxy)methane	15.6	5.00	"	25.0		62.3	10-154		1.65	20	
Bis(2-chloroethyl)ether	16.7	5.00	"	25.0		66.8	17-125		1.13	20	
Bis(2-chloroisopropyl)ether	14.6	5.00	"	25.0		58.2	10-139		1.43	20	
Caprolactam	5.78	5.00	"	25.0		23.1	10-137		6.04	20	
Carbazole	18.5	5.00	"	25.0		73.9	42-126		0.434	20	
Dibenzofuran	18.8	5.00	"	25.0		75.0	36-113		2.16	20	
Diethyl phthalate	19.2	5.00	"	25.0		77.0	38-115		0.311	20	
Dimethyl phthalate	19.3	5.00	"	25.0		77.2	38-129		1.67	20	
Di-n-butyl phthalate	21.4	5.00	"	25.0		85.6	31-120		4.01	20	
Di-n-octyl phthalate	24.6	5.00	"	25.0		98.3	21-149		1.93	20	
Diphenylamine	22.6	5.00	"	25.0		90.6	40-140		2.23	20	
Hexachlorocyclopentadiene	11.9	10.0	"	25.0		47.6	10-130		3.33	20	
Isophorone	15.8	5.00	"	25.0		63.1	25-127		1.88	20	
N-nitroso-di-n-propylamine	15.6	5.00	"	25.0		62.4	26-122		1.02	20	
N-Nitrosodiphenylamine	21.6	5.00	"	25.0		86.3	23-149		1.12	20	
Phenol	9.51	5.00	"	25.0		38.0	10-110		1.15	20	
Pyridine	10.6	5.00	"	25.5		41.4	10-90		1.88	20	
Surrogate: SURR: 2-Fluorophenol	*22.3*		*"*	*50.0*		*44.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

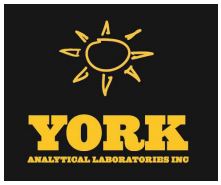
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
LCS Dup (BF11111-BSD1) LCS Dup									Prepared & Analyzed: 06/22/2021		
Surrogate: SURR: Phenol-d5	*15.6*		*ug/L*	*50.0*		*31.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.2*		*"*	*25.0*		*68.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.1*		*"*	*25.0*		*72.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.1*		*"*	*50.0*		*90.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*28.5*		*"*	*25.0*		*114*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

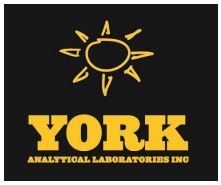
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11125 - EPA 3535A											
Blank (BF11125-BLK1) Blank								Prepared & Analyzed: 06/22/2021			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.16*		*"*	*4.00*		*104*	*36.6-118*				
LCS (BF11125-BS1) LCS								Prepared & Analyzed: 06/22/2021			
1,4-Dioxane	3.84	0.300	ug/L	4.00		96.0	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*36.6-118*				
Matrix Spike (BF11125-MS1) Matrix Spike *Source sample: 21F0985-96 (SW01_062121)								Prepared & Analyzed: 06/22/2021			
1,4-Dioxane	3.63	0.300	ug/L	4.00	ND	90.8	50-130				
Surrogate: 1,4-Dioxane-d8	*3.52*		*"*	*4.00*		*88.0*	*50-130*				
Matrix Spike Dup (BF11125-M Matrix Spike Dup *Source sample: 21F0985-96 (SW01_062121)								Prepared & Analyzed: 06/22/2021			
1,4-Dioxane	3.63	0.300	ug/L	4.00	ND	90.8	50-130		0.00	30	
Surrogate: 1,4-Dioxane-d8	*3.52*		*"*	*4.00*		*88.0*	*50-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

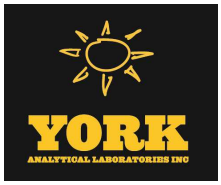
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11158 - SPE Ext-PFAS-EPA 537.1M											
Blank (BF11158-BLK1) Blank									Prepared: 06/22/2021 Analyzed: 06/23/2021		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*72.8*		"	*74.3*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*80.4*		"	*80.0*		*100*	*25-150*				
Surrogate: M4PFHpA	*93.9*		"	*80.0*		*117*	*25-150*				
Surrogate: M3PFHxS	*71.7*		"	*75.7*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*81.5*		"	*80.0*		*102*	*25-150*				
Surrogate: M6PFDA	*96.1*		"	*80.0*		*120*	*25-150*				
Surrogate: M7PFUdA	*102*		"	*80.0*		*127*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*89.2*		"	*80.0*		*111*	*25-150*				
Surrogate: M2PFTeDA	*90.7*		"	*80.0*		*113*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*82.4*		"	*80.0*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*81.0*		"	*76.6*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*81.8*		"	*80.0*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*61.5*		"	*80.0*		*76.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*84.0*		"	*80.0*		*105*	*25-150*				
Surrogate: d5-N-EtFOSAA	*118*		"	*80.0*		*147*	*25-150*				
Surrogate: M2-6:2 FTS	*105*		"	*75.9*		*138*	*25-150*				
Surrogate: M2-8:2 FTS	*89.0*		"	*76.6*		*116*	*25-150*				
Surrogate: M9PFNA	*92.5*		"	*80.0*		*116*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11158 - SPE Ext-PFAS-EPA 537.1M											
LCS (BF11158-BS1) LCS								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Perfluorobutanesulfonic acid (PFBS)	83.4	2.00	ng/L	70.8		118	50-130				
Perfluorohexanoic acid (PFHxA)	90.9	2.00	"	80.0		114	50-130				
Perfluoroheptanoic acid (PFHpA)	82.7	2.00	"	80.0		103	50-130				
Perfluorohexanesulfonic acid (PFHxS)	85.9	2.00	"	73.0		118	50-130				
Perfluorooctanoic acid (PFOA)	97.8	2.00	"	80.0		122	50-130				
Perfluorooctanesulfonic acid (PFOS)	79.2	2.00	"	74.1		107	50-130				
Perfluorononanoic acid (PFNA)	90.1	2.00	"	80.0		113	50-130				
Perfluorodecanoic acid (PFDA)	83.8	2.00	"	80.0		105	50-130				
Perfluoroundecanoic acid (PFUnA)	82.9	2.00	"	80.0		104	50-130				
Perfluorododecanoic acid (PFDoA)	91.6	2.00	"	80.0		115	50-130				
Perfluorotridecanoic acid (PFTrDA)	96.3	2.00	"	80.0		120	50-130				
Perfluorotetradecanoic acid (PFTA)	83.4	2.00	"	80.0		104	50-130				
N-MeFOSAA	80.6	2.00	"	80.0		101	50-130				
N-EtFOSAA	83.4	2.00	"	80.0		104	50-130				
Perfluoropentanoic acid (PFPeA)	86.2	2.00	"	80.0		108	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	90.9	2.00	"	80.0		114	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	86.1	2.00	"	76.0		113	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	80.9	2.00	"	77.2		105	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	78.9	5.00	"	76.0		104	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	91.6	2.00	"	76.8		119	50-130				
Perfluoro-n-butanoic acid (PFBA)	90.5	2.00	"	80.0		113	50-130				
Surrogate: M3PFBS	*67.0*		"	*74.3*		*90.1*	*25-150*				
Surrogate: M5PFHxA	*72.6*		"	*80.0*		*90.8*	*25-150*				
Surrogate: M4PFHpA	*84.9*		"	*80.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*65.0*		"	*75.7*		*85.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*73.9*		"	*80.0*		*92.4*	*25-150*				
Surrogate: M6PFDA	*85.8*		"	*80.0*		*107*	*25-150*				
Surrogate: M7PFUdA	*82.6*		"	*80.0*		*103*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.6*		"	*80.0*		*103*	*25-150*				
Surrogate: M2PFTeDA	*92.2*		"	*80.0*		*115*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*75.4*		"	*80.0*		*94.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*70.0*		"	*76.6*		*91.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*71.8*		"	*80.0*		*89.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*49.5*		"	*80.0*		*61.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*79.2*		"	*80.0*		*99.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*85.4*		"	*80.0*		*107*	*25-150*				
Surrogate: M2-6:2 FTS	*96.8*		"	*75.9*		*127*	*25-150*				
Surrogate: M2-8:2 FTS	*72.7*		"	*76.6*		*94.8*	*25-150*				
Surrogate: M9PFNA	*79.9*		"	*80.0*		*99.9*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11158 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BF11158-BSD1) LCS Dup									Prepared: 06/22/2021 Analyzed: 06/23/2021		
Perfluorobutanesulfonic acid (PFBS)	81.1	2.00	ng/L	70.8		115	50-130		2.76	30	
Perfluorohexanoic acid (PFHxA)	91.0	2.00	"	80.0		114	50-130		0.0583	30	
Perfluoroheptanoic acid (PFHpA)	84.2	2.00	"	80.0		105	50-130		1.76	30	
Perfluorohexanesulfonic acid (PFHxS)	81.7	2.00	"	73.0		112	50-130		5.01	30	
Perfluorooctanoic acid (PFOA)	95.4	2.00	"	80.0		119	50-130		2.44	30	
Perfluorooctanesulfonic acid (PFOS)	77.4	2.00	"	74.1		104	50-130		2.31	30	
Perfluorononanoic acid (PFNA)	91.6	2.00	"	80.0		115	50-130		1.65	30	
Perfluorodecanoic acid (PFDA)	83.7	2.00	"	80.0		105	50-130		0.130	30	
Perfluoroundecanoic acid (PFUnA)	84.8	2.00	"	80.0		106	50-130		2.23	30	
Perfluorododecanoic acid (PFDoA)	90.4	2.00	"	80.0		113	50-130		1.36	30	
Perfluorotridecanoic acid (PFTrDA)	92.8	2.00	"	80.0		116	50-130		3.66	30	
Perfluorotetradecanoic acid (PFTA)	83.8	2.00	"	80.0		105	50-130		0.447	30	
N-MeFOSAA	79.5	2.00	"	80.0		99.4	50-130		1.34	30	
N-EtFOSAA	83.1	2.00	"	80.0		104	50-130		0.384	30	
Perfluoropentanoic acid (PFPeA)	83.6	2.00	"	80.0		105	50-130		3.06	30	
Perfluoro-1-octanesulfonamide (FOSA)	87.8	2.00	"	80.0		110	50-130		3.51	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	82.9	2.00	"	76.0		109	50-130		3.81	30	
Perfluoro-1-decanesulfonic acid (PFDS)	81.0	2.00	"	77.2		105	50-130		0.130	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	85.3	5.00	"	76.0		112	50-130		7.81	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	104	2.00	"	76.8		135	50-130	High Bias	12.7	30	
Perfluoro-n-butanoic acid (PFBA)	90.2	2.00	"	80.0		113	50-130		0.319	30	
Surrogate: M3PFBS	*67.2*		"	*74.3*		*90.4*	*25-150*				
Surrogate: M5PFHxA	*72.0*		"	*80.0*		*90.0*	*25-150*				
Surrogate: M4PFHpA	*83.6*		"	*80.0*		*105*	*25-150*				
Surrogate: M3PFHxS	*66.4*		"	*75.7*		*87.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*74.8*		"	*80.0*		*93.5*	*25-150*				
Surrogate: M6PFDA	*83.0*		"	*80.0*		*104*	*25-150*				
Surrogate: M7PFUdA	*79.3*		"	*80.0*		*99.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*81.0*		"	*80.0*		*101*	*25-150*				
Surrogate: M2PFTeDA	*83.1*		"	*80.0*		*104*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*74.3*		"	*80.0*		*92.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*69.2*		"	*76.6*		*90.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*73.2*		"	*80.0*		*91.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*55.5*		"	*80.0*		*69.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*80.1*		"	*80.0*		*100*	*25-150*				
Surrogate: d5-N-EtFOSAA	*84.1*		"	*80.0*		*105*	*25-150*				
Surrogate: M2-6:2 FTS	*89.6*		"	*75.9*		*118*	*25-150*				
Surrogate: M2-8:2 FTS	*67.7*		"	*76.6*		*88.3*	*25-150*				
Surrogate: M9PFNA	*77.8*		"	*80.0*		*97.3*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11104 - EPA SW846-3510C Low Level											
Blank (BF11104-BLK1) Blank									Prepared: 06/21/2021 Analyzed: 06/22/2021		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Tetrachloro-m-xylene	*0.147*		*"*	*0.200*		*73.4*	*30-150*				
LCS (BF11104-BS1) LCS									Prepared: 06/21/2021 Analyzed: 06/22/2021		
4,4'-DDD	0.116	0.00400	ug/L	0.100		116	40-140				
4,4'-DDE	0.0874	0.00400	"	0.100		87.4	40-140				
4,4'-DDT	0.109	0.00400	"	0.100		109	40-140				
Aldrin	0.0792	0.00400	"	0.100		79.2	40-140				
alpha-BHC	0.0820	0.00400	"	0.100		82.0	40-140				
alpha-Chlordane	0.0908	0.00400	"	0.100		90.8	40-140				
beta-BHC	0.0963	0.00400	"	0.100		96.3	40-140				
delta-BHC	0.0899	0.00400	"	0.100		89.9	40-140				
Dieldrin	0.0966	0.00200	"	0.100		96.6	40-140				
Endosulfan I	0.0951	0.00400	"	0.100		95.1	40-140				
Endosulfan II	0.106	0.00400	"	0.100		106	40-140				
Endosulfan sulfate	0.102	0.00400	"	0.100		102	40-140				
Endrin	0.0965	0.00400	"	0.100		96.5	40-140				
Endrin aldehyde	0.106	0.0100	"	0.100		106	40-140				
Endrin ketone	0.118	0.0100	"	0.100		118	40-140				
gamma-BHC (Lindane)	0.0856	0.00400	"	0.100		85.6	40-140				
gamma-Chlordane	0.0930	0.0100	"	0.100		93.0	40-140				
Heptachlor	0.104	0.00400	"	0.100		104	40-140				
Heptachlor epoxide	0.0940	0.00400	"	0.100		94.0	40-140				
Methoxychlor	0.0990	0.00400	"	0.100		99.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*76.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11104 - EPA SW846-3510C Low Level											
LCS Dup (BF11104-BSD1) LCS Dup									Prepared: 06/21/2021 Analyzed: 06/22/2021		
4,4'-DDD	0.113	0.00400	ug/L	0.100		113	40-140		2.59	20	
4,4'-DDE	0.0871	0.00400	"	0.100		87.1	40-140		0.325	20	
4,4'-DDT	0.102	0.00400	"	0.100		102	40-140		6.77	20	
Aldrin	0.0836	0.00400	"	0.100		83.6	40-140		5.40	20	
alpha-BHC	0.0864	0.00400	"	0.100		86.4	40-140		5.20	20	
alpha-Chlordane	0.0934	0.00400	"	0.100		93.4	40-140		2.81	20	
beta-BHC	0.108	0.00400	"	0.100		108	40-140		11.4	20	
delta-BHC	0.0918	0.00400	"	0.100		91.8	40-140		2.09	20	
Dieldrin	0.0998	0.00200	"	0.100		99.8	40-140		3.22	20	
Endosulfan I	0.102	0.00400	"	0.100		102	40-140		7.42	20	
Endosulfan II	0.105	0.00400	"	0.100		105	40-140		1.04	20	
Endosulfan sulfate	0.0981	0.00400	"	0.100		98.1	40-140		3.60	20	
Endrin	0.0969	0.00400	"	0.100		96.9	40-140		0.415	20	
Endrin aldehyde	0.100	0.0100	"	0.100		100	40-140		5.45	20	
Endrin ketone	0.110	0.0100	"	0.100		110	40-140		7.29	20	
gamma-BHC (Lindane)	0.0880	0.00400	"	0.100		88.0	40-140		2.75	20	
gamma-Chlordane	0.0962	0.0100	"	0.100		96.2	40-140		3.32	20	
Heptachlor	0.108	0.00400	"	0.100		108	40-140		3.44	20	
Heptachlor epoxide	0.0978	0.00400	"	0.100		97.8	40-140		3.99	20	
Methoxychlor	0.0919	0.00400	"	0.100		91.9	40-140		7.34	20	
Surrogate: Tetrachloro-m-xylene	*0.164*		*"*	*0.200*		*82.2*	*30-150*				
Batch Y1D0212 - BC11630											
Performance Mix (Y1D0212-P Performance Mix									Prepared & Analyzed: 04/01/2021		
4,4'-DDD	10.7		ng/mL	0.00			0-200				
4,4'-DDE	0.811		"	0.00			0-200				
4,4'-DDT	247		"	200		123	0-200				
Endrin	129		"	100		129	0-200				
Endrin aldehyde	0.667		"	0.00			0-200				
Endrin ketone	2.54		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y1F2323 - BF10477											
Performance Mix (Y1F2323-P Performance Mix										Prepared & Analyzed: 06/22/2021	
4,4'-DDD	11.2		ng/mL	0.00			0-200				
4,4'-DDE	1.15		"	0.00			0-200				
4,4'-DDT	173		"	200		86.4	0-200				
Endrin	92.8		"	100		92.8	0-200				
Endrin aldehyde	0.594		"	0.00			0-200				
Endrin ketone	4.96		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11104 - EPA SW846-3510C Low Level											
Blank (BF11104-BLK2) Blank								Prepared: 06/21/2021 Analyzed: 06/22/2021			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.155*		*"*	*0.200*		*77.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.126*		*"*	*0.200*		*63.0*	*30-120*				
LCS (BF11104-BS2) LCS								Prepared: 06/21/2021 Analyzed: 06/22/2021			
Aroclor 1016	1.04	0.0500	ug/L	1.00		104	40-120				
Aroclor 1260	0.976	0.0500	"	1.00		97.6	40-120				
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.200*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.122*		*"*	*0.200*		*61.0*	*30-120*				
LCS Dup (BF11104-BSD2) LCS Dup								Prepared: 06/21/2021 Analyzed: 06/22/2021			
Aroclor 1016	1.01	0.0500	ug/L	1.00		101	40-120		3.04	30	
Aroclor 1260	0.937	0.0500	"	1.00		93.7	40-120		4.08	30	
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.200*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.114*		*"*	*0.200*		*57.0*	*30-120*				
Batch Y1F2226 - BF11114											
Aroclor Reference (Y1F2226-/ Aroclor Reference								Prepared & Analyzed: 06/22/2021			
Surrogate: Tetrachloro-m-xylene	*0.206*		*ug/mL*	*0.200*		*103*					
Surrogate: Decachlorobiphenyl	*0.173*		*"*	*0.200*		*86.5*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11107 - EPA 3050B												
Blank (BF11107-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Barium		ND	2.50	mg/kg wet								
Lead		ND	0.500	"								
Duplicate (BF11107-DUP1)	Duplicate	*Source sample: 21F0987-04 (Duplicate)							Prepared & Analyzed: 06/22/2021			
Barium		36.0	2.99	mg/kg dry		34.1				5.45	35	
Lead		3.24	0.598	"		5.66				54.3	35	Non-dir.
Matrix Spike (BF11107-MS1)	Matrix Spike	*Source sample: 21F0987-04 (Matrix Spike)							Prepared & Analyzed: 06/22/2021			
Barium		283	2.99	mg/kg dry	239	34.1	104	75-125				
Lead		70.1	0.598	"	59.8	5.66	108	75-125				
Post Spike (BF11107-PS1)	Post Spike	*Source sample: 21F0987-04 (Post Spike)							Prepared & Analyzed: 06/22/2021			
Barium		2.51		ug/mL	2.00	0.285	111	75-125				
Lead		0.624		"	0.500	0.0473	115	75-125				
Reference (BF11107-SRM1)	Reference								Prepared & Analyzed: 06/22/2021			
Barium		140	2.50	mg/kg wet	138		101	75-125				
Lead		76.8	0.500	"	77.6		98.9	70-130				
Batch BF11126 - EPA 3015A												
Blank (BF11126-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Aluminum		ND	0.0556	mg/L								
Barium		ND	0.0278	"								
Calcium		ND	0.0556	"								
Chromium		ND	0.00556	"								
Cobalt		ND	0.00444	"								
Copper		ND	0.0222	"								
Iron		ND	0.278	"								
Lead		ND	0.00556	"								
Magnesium		ND	0.0556	"								
Manganese		ND	0.00556	"								
Nickel		ND	0.0111	"								
Potassium		0.0928	0.0556	"								
Silver		ND	0.00556	"								
Sodium		ND	0.556	"								
Vanadium		ND	0.0111	"								
Zinc		ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11126 - EPA 3015A											
LCS (BF11126-BS1) LCS								Prepared & Analyzed: 06/22/2021			
Aluminum	1.93		ug/mL	2.00		96.4	80-120				
Barium	2.05		"	2.00		103	80-120				
Calcium	1.08		"	1.00		108	80-120				
Chromium	0.195		"	0.200		97.5	80-120				
Cobalt	0.505		"	0.500		101	80-120				
Copper	0.255		"	0.250		102	80-120				
Iron	1.02		"	1.00		102	80-120				
Lead	0.535		"	0.500		107	80-120				
Magnesium	1.04		"	1.00		104	80-120				
Manganese	0.510		"	0.500		102	80-120				
Nickel	0.496		"	0.500		99.1	80-120				
Potassium	1.10		"	1.00		110	80-120				
Silver	0.0503		"	0.0500		101	80-120				
Sodium	0.780		"	1.00		78.0	80-120	Low Bias			
Vanadium	0.500		"	0.500		100	80-120				
Zinc	0.485		"	0.500		97.0	80-120				
Duplicate (BF11126-DUP1) Duplicate	*Source sample: 21F0976-03 (Duplicate)							Prepared & Analyzed: 06/22/2021			
Aluminum	1.90	0.0556	mg/L		1.93				1.53	20	
Barium	0.0444	0.0278	"		0.0443				0.197	20	
Calcium	37.2	0.0556	"		37.9				1.99	20	
Chromium	0.00921	0.00556	"		0.00846				8.45	20	
Cobalt	0.0417	0.00444	"		0.0412				1.22	20	
Copper	0.272	0.0222	"		0.271				0.268	20	
Iron	3.64	0.278	"		3.78				3.91	20	
Lead	0.00653	0.00556	"		ND					20	
Magnesium	4.52	0.0556	"		4.60				1.71	20	
Manganese	0.100	0.00556	"		0.101				0.241	20	
Nickel	0.137	0.0111	"		0.139				0.912	20	
Potassium	93.7	0.0556	"		95.8				2.24	20	
Silver	ND	0.00556	"		ND					20	
Sodium	90.7	0.556	"		92.4				1.85	20	
Vanadium	0.0157	0.0111	"		0.0152				3.47	20	
Zinc	1.23	0.0278	"		1.22				0.187	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11126 - EPA 3015A											
Matrix Spike (BF11126-MS1) Matrix Spike	*Source sample: 21F0976-03 (Matrix Spike)							Prepared & Analyzed: 06/22/2021			
Aluminum	4.16	0.0556	mg/L	2.22	1.93	100	75-125				
Barium	2.45	0.0278	"	2.22	0.0443	108	75-125				
Calcium	38.0	0.0556	"	1.11	37.9	4.84	75-125	Low Bias			
Chromium	0.245	0.00556	"	0.222	0.00846	106	75-125				
Cobalt	0.656	0.00444	"	0.556	0.0412	111	75-125				
Copper	0.583	0.0222	"	0.278	0.271	112	75-125				
Iron	4.86	0.278	"	1.11	3.78	97.4	75-125				
Lead	0.639	0.00556	"	0.556	ND	115	75-125				
Magnesium	5.69	0.0556	"	1.11	4.60	98.2	75-125				
Manganese	0.703	0.00556	"	0.556	0.101	108	75-125				
Nickel	0.753	0.0111	"	0.556	0.139	111	75-125				
Potassium	94.2	0.0556	"	1.11	95.8	NR	75-125	Low Bias			
Silver	0.0623	0.00556	"	0.0556	ND	112	75-125				
Sodium	90.2	0.556	"	1.11	92.4	NR	75-125	Low Bias			
Vanadium	0.609	0.0111	"	0.556	0.0152	107	75-125				
Zinc	1.81	0.0278	"	0.556	1.22	105	75-125				
Post Spike (BF11126-PS1) Post Spike	*Source sample: 21F0976-03 (Post Spike)							Prepared & Analyzed: 06/22/2021			
Aluminum	3.82		ug/mL	2.00	1.74	104	75-125				
Barium	2.33		"	2.00	0.0399	115	75-125				
Calcium	34.3		"	1.00	34.1	20.0	75-125	Low Bias			
Chromium	0.232		"	0.200	0.00762	112	75-125				
Cobalt	0.619		"	0.500	0.0371	116	75-125				
Copper	0.544		"	0.250	0.244	120	75-125				
Iron	4.40		"	1.00	3.40	99.6	75-125				
Lead	0.599		"	0.500	0.00377	119	75-125				
Magnesium	5.17		"	1.00	4.14	103	75-125				
Manganese	0.666		"	0.500	0.0906	115	75-125				
Nickel	0.704		"	0.500	0.125	116	75-125				
Potassium	85.3		"	1.00	86.2	NR	75-125	Low Bias			
Silver	0.0516		"	0.0500	-0.000767	103	75-125				
Sodium	80.9		"	1.00	83.2	NR	75-125	Low Bias			
Vanadium	0.581		"	0.500	0.0137	113	75-125				
Zinc	1.67		"	0.500	1.10	114	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11371 - EPA 3050B											
Blank (BF11371-BLK1) Blank									Prepared: 06/24/2021 Analyzed: 06/25/2021		
Barium	ND	2.50	mg/kg wet								
Duplicate (BF11371-DUP1) Duplicate	*Source sample: 21F1222-05 (Duplicate)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
Barium	44.4	2.69	mg/kg dry		50.7				13.2	35	
Matrix Spike (BF11371-MS1) Matrix Spike	*Source sample: 21F1222-05 (Matrix Spike)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
Barium	278	2.69	mg/kg dry	215	50.7	106	75-125				
Post Spike (BF11371-PS1) Post Spike	*Source sample: 21F1222-05 (Post Spike)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
Barium	2.68		ug/mL	2.00	0.471	110	75-125				
Reference (BF11371-SRM1) Reference									Prepared: 06/24/2021 Analyzed: 06/25/2021		
Barium	145	2.50	mg/kg wet	138		105	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11119 - EPA 3015A											
Blank (BF11119-BLK1) Blank								Prepared & Analyzed: 06/22/2021			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BF11119-BS1) LCS								Prepared & Analyzed: 06/22/2021			
Antimony	47.7		ug/L	50.0		95.4	80-120				
Arsenic	49.9		"	50.0		99.8	80-120				
Beryllium	48.7		"	50.0		97.5	80-120				
Cadmium	49.5		"	50.0		99.0	80-120				
Selenium	48.1		"	50.0		96.2	80-120				
Thallium	49.7		"	50.0		99.4	80-120				
Duplicate (BF11119-DUP1) Duplicate *Source sample: 21F0982-01 (Duplicate)								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00191	0.00111	"		0.00212				10.6	20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	ND	0.00111	"		0.00195					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BF11119-MS1) Matrix Spike *Source sample: 21F0982-01 (Matrix Spike)								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Antimony	51.1		ug/L	50.0	0.077	102	75-125				
Arsenic	51.1		"	50.0	1.91	98.3	75-125				
Beryllium	39.6		"	50.0	0.005	79.2	75-125				
Cadmium	55.6		"	50.0	0.005	111	75-125				
Selenium	45.4		"	50.0	1.75	87.3	75-125				
Thallium	47.7		"	50.0	-0.0008	95.4	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11139 - EPA SW846-7470A												
Blank (BF11139-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0002	mg/L								
LCS (BF11139-BS1)	LCS								Prepared & Analyzed: 06/22/2021			
Mercury		0.002030	0.0002	mg/L	0.00200		101	80-120				
Duplicate (BF11139-DUP1)	Duplicate	*Source sample: 21F0987-16 (Duplicate)							Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0002	mg/L		ND					20	
Matrix Spike (BF11139-MS1)	Matrix Spike	*Source sample: 21F0987-16 (Matrix Spike)							Prepared & Analyzed: 06/22/2021			
Mercury		0.0021	0.0002	mg/L	0.00200	ND	105	75-125				
Batch BF11150 - EPA 7473 soil												
Blank (BF11150-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BF11150-DUP1)	Duplicate	*Source sample: 21F0985-53 (SB111R_1_8-9)							Prepared & Analyzed: 06/22/2021			
Mercury		0.205	0.0346	mg/kg dry		0.123				49.8	35	Non-dir.
Matrix Spike (BF11150-MS1)	Matrix Spike	*Source sample: 21F0985-53 (SB111R_1_8-9)							Prepared & Analyzed: 06/22/2021			
Mercury		0.519		mg/kg	0.500	0.107	82.6	75-125				
Reference (BF11150-SRM1)	Reference								Prepared & Analyzed: 06/22/2021			
Mercury		21.702		mg/kg	27.2		79.8	59.9-140.1				
Batch BF11335 - EPA 7473 soil												
Blank (BF11335-BLK1)	Blank								Prepared & Analyzed: 06/24/2021			
Mercury		ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11335 - EPA 7473 soil											
Duplicate (BF11335-DUP1) Duplicate	*Source sample: 21F0870-13 (Duplicate)								Prepared & Analyzed: 06/24/2021		
Mercury	0.515	0.0358	mg/kg dry		0.438				16.1	35	
Matrix Spike (BF11335-MS1) Matrix Spike	*Source sample: 21F0870-13 (Matrix Spike)								Prepared & Analyzed: 06/24/2021		
Mercury	0.941		mg/kg	0.500	0.368	115	75-125				
Reference (BF11335-SRM1) Reference									Prepared & Analyzed: 06/24/2021		
Mercury	24.622		mg/kg	27.2		90.5	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11135 - % Solids Prep												
Duplicate (BF11135-DUP1)	Duplicate	*Source sample: 21F0985-53 (SB111R_1_8-9)								Prepared & Analyzed: 06/22/2021		
% Solids		85.7	0.100	%		86.6				1.12	20	
Batch BF11252 - % Solids Prep												
Duplicate (BF11252-DUP1)	Duplicate	*Source sample: 21F0985-84 (SB111R_E1_9-10)								Prepared & Analyzed: 06/23/2021		
% Solids		83.8	0.100	%		82.4				1.68	20	
Batch BF11369 - % Solids Prep												
Duplicate (BF11369-DUP1)	Duplicate	*Source sample: 21F1058-03 (Duplicate)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
% Solids		88.3	0.100	%		89.0				0.801	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21F0985-96	SW01_062121	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0985-97	SW02_062121	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0985-98	SW03_062121	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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clientservices@yorklab.com
www.yorklab.com

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YORK Project No. 21F098715
KB 6/22/21
Page 1 of 12

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KSIMON@LANGAN.COM	Contact:	Contact:		RUSH - Four Day
E-mail: KIM SIMON	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AN

Samples Collected by: (print your name above and sign below)

Michael A

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB08R-1-11-12	S	6/21/21 7:55	LEAD AND BARIUM [HOLD]	
SB08R-1-12-13	S	7:57	LEAD AND BARIUM [HOLD]	
SB08R-1-13-15	S	8:00	LEAD AND BARIUM	
SB08R-1-15-16	S	8:02	LEAD AND BARIUM [HOLD]	
SB08R-1-16-17	S	8:04	LEAD AND BARIUM [HOLD]	
SB109R-W2-2-3	S	8:43	BARIUM [HOLD]	
SB109R-W2-3-4	S	8:45	BARIUM [HOLD]	
SB109R-W2-4-5	S	8:47	BARIUM [HOLD]	
SB109R-W2-5-6	S	8:49	BARIUM [HOLD]	
SB109R-W2-6-7	S	8:51	BARIUM [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AN / LANGAN	6/21/21 4:35	D Aranco	6/21/21 4:35	A Aranco	6/21/21 4:35
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOM	6/21/21 1435	TOM	6/21/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBlum	6/21/21 1945 / 6.0 Degrees C

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Field Chain-of-Custody Record

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YORK Project No. 21F0987[illegible]5
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-384-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

MICHAEL A

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package (circled); CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB108R_1_2-3	S	6/21/21 9:20	BARIUM [HOLD]	
SB108R_1_3-4	S	9:22	BARIUM [HOLD]	
SB108R_1_4-5	S	9:24	BARIUM	
SB108R_1_5-6	S	9:26	BARIUM [HOLD]	
SB108R_1_6-7	S	9:28	BARIUM [HOLD]	
SB108R_W1_2-3	S	9:35	BARIUM [HOLD]	
SB108R_W1_3-4	S	9:37	BARIUM [HOLD]	
SB108R_W1_4-5	S	9:39	BARIUM	
SB108R_W1_5-6	S	9:41	BARIUM [HOLD]	
SB108R_W1_6-7	S	9:43	BARIUM [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/21/21 4[illegible]35	A ARANEO	6/21/21 4[illegible]35	A ARANEO	6/21/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOM V	6/21/21 1435	TOM V	6/21/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KBlum 6/21/21 1945	6.0 Degrees C

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Field Chain-of-Custody Record

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YORK Project No. 21F0987S
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SEMAN	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMAN@LANGAN	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AN

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB108R_N1_2-3	S	6/21/21 9:45	BARIUM [HOLD]	
SB108R_N1_3-4	S	9:47	BARIUM [HOLD]	
SB108R_N1_4-5	S	9:49	BARIUM	
SB108R_N1_5-6	S	9:51	BARIUM [HOLD]	
SB108R_N1_6-7	S	9:53	BARIUM [HOLD]	
SB108R_N2_2-3	S	9:55	BARIUM [HOLD]	
SB108R_N2_3-4	S	9:57	BARIUM [HOLD]	
SB108R_N2_4-5	S	9:59	BARIUM [HOLD]	
SB108R_N2_5-6	S	10:00	BARIUM [HOLD]	
SB108R_N2_6-7	S	10:02	BARIUM [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AN/LANGAN	6/21/21 4:35	[signature]	6/21/21 4:35	[signature]	6/21/21
[signature]	6/21/21 1815	[signature]	6/21/21 1945		
				Samples Received in LAB by: KBlum	6/21/21 1945

Temp. Received at Lab: 6.0 Degrees C

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clientservices@yorklab.com
www.yorklab.com

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YORK Project No. 21F09875
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST. / 8TH FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-398-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KSeman@Langan.com	Contact:	Contact:		RUSH - Four Day
E-mail: Kim Seman	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York ✓	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania	NY ASP B Package		NJDEP SRP HazSite	
O - Oil ⋮ Other	Other	NJDKQP		Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB108R-S1-2-3	S	6/21/21 10:04	BARIUM [HOLD]	
SB108R-S1-3-4	S	10:06	BARIUM [HOLD]	
SB108R-S1-4-5	S	10:08	BARIUM	
SB108R-S1-5-6	S	10:10	BARIUM [HOLD]	
SB108R-S1-6-7	S	10:12	BARIUM [HOLD]	
SB108R-S2-2-3	S	11:20	BARIUM [HOLD]	
SB108R-S2-3-4	S	11:22	BARIUM [HOLD]	
SB108R-S2-4-5	S	11:24	BARIUM [HOLD]	
SB108R-S2-5-6	S	11:26	BARIUM [HOLD]	
SB108R-S2-6-7	S	11:28	BARIUM [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU / LANGAN	6/21/21 4:35	A Arranco	6/21/21 4:35	A Arranco	6/21/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Tom V	6/21/21 1815	Tom V	6/21/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KBlum 6/21/21 1945	6.0 Degrees C

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clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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YORK Project No. 21F0987S
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL NEW YORK, NY 10001	Address:	Address:		RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:	YOUR Project Name: 475 BAY STREET	RUSH - Three Day
Contact: KIMBERLY SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU
Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB108R-E1-2-3	S	6/21/21 11:45	BARIUM [HOLD]	
SB108R-E1-3-4	S	11:47	BARIUM [HOLD]	
SB108R-E1-4-5	S	11:49	BARIUM	
SB108R-E1-5-6	S	11:51	BARIUM [HOLD]	
SB108R-E1-6-7	S	11:53	BARIUM [HOLD]	
SB108R-E2-2-3	S	12:00	BARIUM [HOLD]	
SB108R-E2-3-4	S	12:02	BARIUM [HOLD]	
SB108R-E2-4-5	S	12:04	BARIUM [HOLD]	
SB108R-E2-5-6	S	12:09	BARIUM [HOLD]	
SB108R-E2-6-7	S	12:10	BARIUM [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/21/21 4:35	A Arcineo	6/21/21 9:35	A Arcineo	6/21/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	6/21/21 1845		6/21/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBL	6/21/21 1945 / 6.0 Degrees C

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clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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YORK Project No. 21F0987S

KB 6/22/21 Page 6 of 12

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: Kim Seman	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMAN@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
MICHAEL AN

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other: | | |

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
~~SB111R-1-5-6~~ SB111R_1_6-7	S	6/21/21 12:25	MERCURY [HOLD]	
SB111R_1_7-8	S	12:27	MERCURY [HOLD]	
SB111R_1_8-9	S	12:29	MERCURY	
SB111R_1_9-10	S	12:31	MERCURY [HOLD]	
SB111R_1_10-11	S	12:33	MERCURY [HOLD]	
SB111R_N1_6-7	S	12:45	MERCURY [HOLD]	
SB111R_N1_7-8	S	12:47	MERCURY [HOLD]	
SB111R_N1_8-9	S	12:49	MERCURY ~~[HOLD]~~	
SB111R_N1_9-10	S	12:51	MERCURY [HOLD]	
SB111R_N1_10-11	S	12:53	MERCURY [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AN/LANGAN	6/21/21 4:35	AA Ramos	6/21/21 4:35	AA Ramos	6/21/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Tom U	6/21/21 1815	Tom U	6/21/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KB 6/21/21 1945	6.0 Degrees C

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www.yorklab.com

Field Chain-of-Custody Record

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YORK Project No. 21F0987 5
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: ~~360 W 31st~~ LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU
Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB11R_N2_6-7	S	6/21/21 ~~1325~~	13:00 MERCURY (HOLD)	
SB11R_N2_7-8	S	1~~327~~	13:02 MERCURY (HOLD)	
SB11R_N2_8-9	S	~~13:29~~	13:04 MERCURY (HOLD)	
SB11R_N2_9-10	S	1~~331~~	13:06 MERCURY (HOLD)	
SB11R_N2_10-11	S	1~~333~~	13:08 MERCURY (HOLD)	
SB11R_S1_~~6~~6-7	S	~~1325~~	13:25 MERCURY (HOLD)	
SB11R_S1_7-8	S		13:27 MERCURY (HOLD)	
SB11R_S1_8-9	S		13:29 MERCURY ~~HOLD~~	
SB11R_S1_9-10	S		13:31 MERCURY (HOLD)	
SB11R_S1_10-11	S		13:33 MERCURY (HOLD)	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/21/21 435	AAranco	6/4/21 4:35	AAranco	6/21/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOM V	6/21/21 1815	TOM V	6/22/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KBlu 6/21/21 1945	6.0 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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YORK Project No. 21F0987 15
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST STREET, 8TH FL NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: Kim Semon	Contact:	Contact:		RUSH - Four Day
E-mail: KSemon@langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) MICHAEL AU

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York ✓	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania	NY ASP B Package		NJDEP SRP HazSite	
O - Oil ⋮ Other	Other	NJDKQP		Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB11R-S2-6-7	S	6/21/21 13:40	MERCURY (HOLD)	
SB11R-S2-7-8	S	13:42	MERCURY (HOLD)	
SB11R-S2-8-9	S	13:44	MERCURY (HOLD)	
SB11R-S2-9-10	S	13:46	MERCURY (HOLD)	
SB11R-S2-10-11	S	13:48	MERCURY (HOLD)	
SB11R-E2-6-7	S	14:00	MERCURY (HOLD)	
SB11R-E2-7-8	S	14:02	MERCURY (HOLD)	
SB11R-E2-8-9	S	14:04	MERCURY (HOLD)	
SB11R-E2-9-10	S	14:06	MERCURY (HOLD)	
SB11R-E2-10-11	S	1408	MERCURY (HOLD)	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/21/21 4:35	AA Ramos	6/21/21 4:35	AA Ramos	6/4/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Tom V	6/21/21 8:15	Tom V	6/21/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KB	6/21/21 1945 / 6.0 Degrees C

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www.yorklab.com

Field Chain-of-Custody Record

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YORK Project No. 21F0987/5

KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170810601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: Kim Seman	Contact:	Contact:		RUSH - Four Day
E-mail: KSeman@LANGAN.com	E-mail: ✓	E-mail: ✓	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Michael A

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB11R_E1_6-7	S	6/21/21 14'15	MERCURY (HOLD)	
SB11R_E1_7-8	S	14'17	MERCURY (HOLD)	
SB11R_E1_8-9	S	14'19	MERCURY	
SB11R_E1_9-10	S	14'21	MERCURY (HOLD)	
SB11R_E1_10-11	S	14'23	MERCURY (HOLD)	
SB11R_W1_6-7	S	14'30	MERCURY (HOLD)	
SB11R_W1_7-8	S	14'32	MERCURY (HOLD)	
SB11R_W1_8-9	S	14'34	MERCURY	
SB11R_W1_9-10	S	14'36	MERCURY (HOLD)	
SB11R_W1_10-11	S	14'38	MERCURY (HOLD)	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/21/21 1435	A Arraneo	6/21/21 4:35	A Arraneo	6/21/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Tom V	6/21/21 8:15	Tom V	6/21/21 1645		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KB	6/21/21 1945 / 6.0 Degrees C

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Field Chain-of-Custody Record

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YORK Project No. 21F0987/5
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AN

Samples Collected by: (print your name above and sign below)

MAN

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB111R_W2_6-7	S	6/21/21 1445	MERCURY [HOLD]	
SB111R_W2_7-8	S	1447	MERCURY [HOLD]	
SB111R_W2_8-9	S	1449	MERCURY [HOLD]	
SB111R_W2_9-10	S	1451	MERCURY [HOLD]	
SB111R_W2_10-11	S	1453	MERCURY [HOLD]	
SW01_062121	~~SW~~ W	10:25	B	
SW02_062121	W	10:45	P375/TCL VOCs, SVOCs, TAL METALS, PCBs, PEST.	
SW03_062121	W	11:05	PFAS, 1,4, DIOXANE	
MW06_062121	W	11:25	DEP DISCHARGE	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AN / LANGAN	6/21/21 435	AAraneo	6/21/21 4:35	AAraneo	6/21/21
TOM	6/21/21 815	TOM	6/21/21 1945		

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time	Temp. Received at Lab
				KB	6/21/21 1945	6.0 Degrees C

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www.yorklab.com

Field Chain-of-Custody Record

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YORK Project No. 21F0987S

KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170810801	RUSH - Next Day ✓
Address: 360 W 31ST ST. 8TH FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AV

Samples Collected by: (print your name above and sign below)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB10BR-10-11	S	6/21/21 9:15	BARIUM, CHROMIUM, COPPER, LEAD, MERCURY, NICKEL, ZINC	
SB10BR-11-12	S	9:16	(HOLD)	
SB10BR-12-13	S	9:17	(HOLD)	
SB11R-10-11	S	12:15	LEAD, MERCURY, NICKEL, ZINC	
SB11R-11-12	S	12:17	(HOLD)	
SB11R-12-13	S	12:19	(HOLD)	
MS/MSD-S001-062121	S	12:06	BARIUM PARENT: SB10BR_E2.4-5	
MS/MSD-S002-062121	S	12:29	MERCURY PARENT: SB11R_1-8-9	
MS/MSD-S003-062121	S	12:47	MERCURY PARENT: SB11R-10-11	
MS/MSD-S004-062121	S	13:10	MERCURY PARENT: SB11R_N2_10-11	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AV / LANGAN	6/21/21 4:35	A Arango	6/21/21 4:35	A Arango	6/21/21
Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOWN	6/21/21 1915	TOWN	6/21/21 1945		
Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Temp. Received at Lab
				KB 6/21/21 1945	6.0

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/24/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0987

Report Date: 06/24/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0987

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 21, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0987-01	SB108R_10-11	Soil	06/21/2021	06/21/2021
21F0987-04	SB111R_10-11	Soil	06/21/2021	06/21/2021
21F0987-07	SODUP01_062121	Soil	06/21/2021	06/21/2021
21F0987-12	SOFB01_062121	Water	06/21/2021	06/21/2021
21F0987-15	SOFB04_062121	Water	06/21/2021	06/21/2021
21F0987-16	SOFB05_062121	Water	06/21/2021	06/21/2021
21F0987-17	Trip Blank	Water	06/21/2021	06/21/2021

General Notes for York Project (SDG) No.: 21F0987

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/24/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB108R_10-11 **York Sample ID:** 21F0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Soil	June 21, 2021 9:15 am	06/21/2021

Barium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**34.5**		mg/kg dry	2.82	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**25.2**		mg/kg dry	0.564	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Copper by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**22.4**		mg/kg dry	2.26	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**6.51**		mg/kg dry	0.564	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**127**		mg/kg dry	1.13	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**21.2**		mg/kg dry	2.82	1	EPA 6010D	06/22/2021 07:41	06/22/2021 14:53	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB108R_10-11 **York Sample ID:** 21F0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Soil	June 21, 2021 9:15 am	06/21/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0338	1	EPA 7473	06/22/2021 13:44	06/22/2021 17:03	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.7**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB111R_10-11 **York Sample ID:** 21F0987-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Soil	June 21, 2021 12:15 pm	06/21/2021

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.66**		mg/kg dry	0.598	1	EPA 6010D	06/22/2021 07:41	06/22/2021 15:02	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**100**		mg/kg dry	1.20	1	EPA 6010D	06/22/2021 07:41	06/22/2021 15:02	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**21.1**		mg/kg dry	2.99	1	EPA 6010D	06/22/2021 07:41	06/22/2021 15:02	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0359	1	EPA 7473	06/22/2021 14:49	06/22/2021 20:37	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.7**		%	0.100	1	SM 2540G	06/22/2021 11:26	06/22/2021 14:48	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SODUP01_062121 **York Sample ID:** 21F0987-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Soil	June 21, 2021 4:35 pm	06/21/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**37.8**		mg/kg dry	2.97	1	EPA 6010D	06/22/2021 07:41	06/22/2021 15:10	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**7.43**		mg/kg dry	0.593	1	EPA 6010D	06/22/2021 07:41	06/22/2021 15:10	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.3**		%	0.100	1	SM 2540G	06/22/2021 11:25	06/22/2021 17:29	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SOFB01_062121 **York Sample ID:** 21F0987-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 2:45 pm	06/21/2021

Barium by EPA 6010

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	ND		mg/L	0.0250	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00500	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	06/22/2021 12:22	06/22/2021 12:22	AD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_062121 **York Sample ID:** 21F0987-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:00 pm	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.420**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_062121 **York Sample ID:** 21F0987-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:00 pm	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.09**		ug/L	1.00	2.00	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_062121 **York Sample ID:** 21F0987-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:00 pm	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**1.28**		ug/L	1.00	2.00	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_062121 **York Sample ID:** 21F0987-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:00 pm	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	06/23/2021 06:47	06/23/2021 19:25	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.1 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_062121 **York Sample ID:** 21F0987-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:00 pm	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB04_062121 **York Sample ID:** 21F0987-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:00 pm	06/21/2021

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/22/2021 07:53	06/22/2021 15:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.2 %*		*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*25.4 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.9 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.8 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.1 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*114 %*	S-08	*30.7-106*

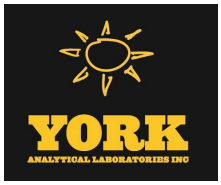
Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: **SOFB04_062121** **York Sample ID:** **21F0987-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:00 pm	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.280**		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0900**	B	ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SOFB04_062121 **York Sample ID:** 21F0987-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:00 pm	06/21/2021

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0800**	B	ug/L	0.0500	1	EPA 8270D SIM	06/22/2021 07:53	06/22/2021 17:32	CD
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB05_062121 **York Sample ID:** 21F0987-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:05 pm	06/21/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	06/22/2021 08:55	06/22/2021 16:50	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*36.6-118*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SOFB05_062121 **York Sample ID:** 21F0987-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:05 pm	06/21/2021

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B	06/22/2021 13:53	06/23/2021 10:46	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A	06/22/2021 13:53	06/23/2021 14:30	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A	06/22/2021 13:53	06/23/2021 14:30	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A	06/22/2021 13:53	06/23/2021 14:30	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A	06/22/2021 13:53	06/23/2021 14:30	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A	06/22/2021 13:53	06/23/2021 14:30	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A	06/22/2021 13:53	06/23/2021 14:30	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A	06/22/2021 13:53	06/23/2021 14:30	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A	06/22/2021 13:53	06/23/2021 14:30	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SOFB05_062121 **York Sample ID:** 21F0987-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:05 pm	06/21/2021

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**0.148**		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**0.0772**	B	mg/L	0.0556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	06/22/2021 09:45	06/22/2021 12:59	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00100	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:48	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00100	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:48	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000300	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:48	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SOFB05_062121 **York Sample ID:** 21F0987-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 3:05 pm	06/21/2021

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.000500	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:48	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00100	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:48	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00100	1	EPA 6020B	06/22/2021 08:51	06/22/2021 13:48	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	06/22/2021 12:22	06/22/2021 12:22	AD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21F0987-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 12:00 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21F0987-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 12:00 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21F0987-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 12:00 am	06/21/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21F0987-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0987	170610601	Water	June 21, 2021 12:00 am	06/21/2021

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	06/23/2021 06:47	06/23/2021 18:59	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*83.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.3 %*	*79-122*

Analytical Batch Summary

Batch ID: BF11107 **Preparation Method:** EPA 3050B **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-01	SB108R_10-11	06/22/21
21F0987-04	SB111R_10-11	06/22/21
21F0987-07	SODUP01_062121	06/22/21
BF11107-BLK1	Blank	06/22/21
BF11107-DUP1	Duplicate	06/22/21
BF11107-MS1	Matrix Spike	06/22/21
BF11107-PS1	Post Spike	06/22/21
BF11107-SRM1	Reference	06/22/21

Batch ID: BF11111 **Preparation Method:** EPA 3510C **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-15	SOFB04_062121	06/22/21
BF11111-BLK1	Blank	06/22/21
BF11111-BLK2	Blank	06/22/21
BF11111-BS1	LCS	06/22/21
BF11111-BS2	LCS	06/22/21
BF11111-BSD1	LCS Dup	06/22/21

Batch ID: BF11119 **Preparation Method:** EPA 3015A **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-16	SOFB05_062121	06/22/21
BF11119-BLK1	Blank	06/22/21
BF11119-BS1	LCS	06/22/21
BF11119-DUP1	Duplicate	06/22/21
BF11119-MS1	Matrix Spike	06/22/21

Batch ID: BF11125 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-16	SOFB05_062121	06/22/21
BF11125-BLK1	Blank	06/22/21
BF11125-BS1	LCS	06/22/21
BF11125-MS1	Matrix Spike	06/22/21
BF11125-MSD1	Matrix Spike Dup	06/22/21

Batch ID: BF11126 **Preparation Method:** EPA 3015A **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-12	SOFB01_062121	06/22/21
21F0987-16	SOFB05_062121	06/22/21
BF11126-BLK1	Blank	06/22/21

BF11126-BS1	LCS	06/22/21
BF11126-DUP1	Duplicate	06/22/21
BF11126-MS1	Matrix Spike	06/22/21
BF11126-PS1	Post Spike	06/22/21

Batch ID: BF11135 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-01	SB108R_10-11	06/22/21
21F0987-07	SODUP01_062121	06/22/21
BF11135-DUP1	Duplicate	06/22/21

Batch ID: BF11136 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-04	SB111R_10-11	06/22/21
BF11136-DUP1	Duplicate	06/22/21

Batch ID: BF11139 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-12	SOFB01_062121	06/22/21
21F0987-16	SOFB05_062121	06/22/21
BF11139-BLK1	Blank	06/22/21
BF11139-BS1	LCS	06/22/21
BF11139-DUP1	Duplicate	06/22/21
BF11139-MS1	Matrix Spike	06/22/21

Batch ID: BF11150 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-01	SB108R_10-11	06/22/21
BF11150-BLK1	Blank	06/22/21
BF11150-DUP1	Duplicate	06/22/21
BF11150-MS1	Matrix Spike	06/22/21
BF11150-SRM1	Reference	06/22/21

Batch ID: BF11154 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GO

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-16	SOFB05_062121	06/22/21
21F0987-16	SOFB05_062121	06/22/21
BF11154-BLK1	Blank	06/22/21
BF11154-BLK2	Blank	06/22/21
BF11154-BS1	LCS	06/22/21
BF11154-BS2	LCS	06/22/21
BF11154-BSD1	LCS Dup	06/22/21
BF11154-BSD2	LCS Dup	06/22/21

Batch ID: BF11161 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-04	SB111R_10-11	06/22/21
BF11161-BLK1	Blank	06/22/21
BF11161-DUP1	Duplicate	06/22/21
BF11161-MS1	Matrix Spike	06/22/21
BF11161-SRM1	Reference	06/22/21

Batch ID: BF11229 **Preparation Method:** EPA 5030B **Prepared By:** MD

YORK Sample ID	Client Sample ID	Preparation Date
21F0987-15	SOFB04_062121	06/23/21
21F0987-17	Trip Blank	06/23/21
BF11229-BLK1	Blank	06/23/21
BF11229-BS1	LCS	06/23/21
BF11229-BSD1	LCS Dup	06/23/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11229 - EPA 5030B											
Blank (BF11229-BLK1) Blank									Prepared & Analyzed: 06/23/2021		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11229 - EPA 5030B											
Blank (BF11229-BLK1) Blank								Prepared & Analyzed: 06/23/2021			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.24*		*"*	*10.0*		*82.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.44*		*"*	*10.0*		*94.4*	*79-122*				
LCS (BF11229-BS1) LCS								Prepared & Analyzed: 06/23/2021			
1,1,1,2-Tetrachloroethane	8.90		ug/L	10.0		89.0	82-126				
1,1,1-Trichloroethane	8.70		"	10.0		87.0	78-136				
1,1,2,2-Tetrachloroethane	7.75		"	10.0		77.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	54-165				
1,1,2-Trichloroethane	8.20		"	10.0		82.0	82-123				
1,1-Dichloroethane	9.24		"	10.0		92.4	82-129				
1,1-Dichloroethylene	9.45		"	10.0		94.5	68-138				
1,2,3-Trichlorobenzene	8.20		"	10.0		82.0	76-136				
1,2,3-Trichloropropane	7.56		"	10.0		75.6	77-128	Low Bias			
1,2,4-Trichlorobenzene	9.47		"	10.0		94.7	76-137				
1,2,4-Trimethylbenzene	9.85		"	10.0		98.5	82-132				
1,2-Dibromo-3-chloropropane	6.35		"	10.0		63.5	45-147				
1,2-Dibromoethane	8.08		"	10.0		80.8	83-124	Low Bias			
1,2-Dichlorobenzene	9.57		"	10.0		95.7	79-123				
1,2-Dichloroethane	7.67		"	10.0		76.7	73-132				
1,2-Dichloropropane	9.41		"	10.0		94.1	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.72		"	10.0		97.2	86-122				
1,4-Dichlorobenzene	9.64		"	10.0		96.4	85-124				
1,4-Dioxane	65.4		"	210		31.1	10-349				
2-Butanone	5.81		"	10.0		58.1	49-152				
2-Hexanone	4.89		"	10.0		48.9	51-146	Low Bias			
4-Methyl-2-pentanone	5.37		"	10.0		53.7	57-145	Low Bias			
Acetone	6.98		"	10.0		69.8	14-150				
Acrolein	7.52		"	10.0		75.2	10-153				
Acrylonitrile	7.98		"	10.0		79.8	51-150				
Benzene	10.3		"	10.0		103	85-126				
Bromochloromethane	8.32		"	10.0		83.2	77-128				
Bromodichloromethane	8.01		"	10.0		80.1	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11229 - EPA 5030B											
LCS (BF11229-BS1) LCS								Prepared & Analyzed: 06/23/2021			
Bromoform	7.89		ug/L	10.0		78.9	78-133				
Bromomethane	8.85		"	10.0		88.5	43-168				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	8.88		"	10.0		88.8	77-141				
Chlorobenzene	9.67		"	10.0		96.7	88-120				
Chloroethane	10.9		"	10.0		109	65-136				
Chloroform	9.33		"	10.0		93.3	82-128				
Chloromethane	11.2		"	10.0		112	43-155				
cis-1,2-Dichloroethylene	9.00		"	10.0		90.0	83-129				
cis-1,3-Dichloropropylene	8.49		"	10.0		84.9	80-131				
Cyclohexane	7.89		"	10.0		78.9	63-149				
Dibromochloromethane	8.06		"	10.0		80.6	80-130				
Dibromomethane	7.90		"	10.0		79.0	72-134				
Dichlorodifluoromethane	11.7		"	10.0		117	44-144				
Ethyl Benzene	9.81		"	10.0		98.1	80-131				
Hexachlorobutadiene	10.7		"	10.0		107	67-146				
Isopropylbenzene	10.1		"	10.0		101	76-140				
Methyl acetate	5.88		"	10.0		58.8	51-139				
Methyl tert-butyl ether (MTBE)	7.12		"	10.0		71.2	76-135	Low Bias			
Methylcyclohexane	10.4		"	10.0		104	72-143				
Methylene chloride	8.84		"	10.0		88.4	55-137				
n-Butylbenzene	9.34		"	10.0		93.4	79-132				
n-Propylbenzene	10.0		"	10.0		100	78-133				
o-Xylene	9.44		"	10.0		94.4	78-130				
p- & m- Xylenes	19.8		"	20.0		98.9	77-133				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.7		"	10.0		107	79-137				
Styrene	9.48		"	10.0		94.8	67-132				
tert-Butyl alcohol (TBA)	18.6		"	50.0		37.1	25-162				
tert-Butylbenzene	8.66		"	10.0		86.6	77-138				
Tetrachloroethylene	9.86		"	10.0		98.6	82-131				
Toluene	9.71		"	10.0		97.1	80-127				
trans-1,2-Dichloroethylene	9.74		"	10.0		97.4	80-132				
trans-1,3-Dichloropropylene	7.63		"	10.0		76.3	78-131	Low Bias			
Trichloroethylene	9.65		"	10.0		96.5	82-128				
Trichlorofluoromethane	9.93		"	10.0		99.3	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.38*		*"*	*10.0*		*73.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.64*		*"*	*10.0*		*96.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BF11229 - EPA 5030B

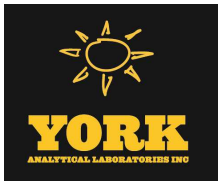
LCS Dup (BF11229-BSD1) LCS Dup — Prepared & Analyzed: 06/23/2021

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.23		ug/L	10.0		92.3	82-126		3.64	30	
1,1,1-Trichloroethane	9.15		"	10.0		91.5	78-136		5.04	30	
1,1,2,2-Tetrachloroethane	8.34		"	10.0		83.4	76-129		7.33	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		3.14	30	
1,1,2-Trichloroethane	9.01		"	10.0		90.1	82-123		9.41	30	
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129		4.44	30	
1,1-Dichloroethylene	9.60		"	10.0		96.0	68-138		1.57	30	
1,2,3-Trichlorobenzene	9.11		"	10.0		91.1	76-136		10.5	30	
1,2,3-Trichloropropane	8.20		"	10.0		82.0	77-128		8.12	30	
1,2,4-Trichlorobenzene	9.76		"	10.0		97.6	76-137		3.02	30	
1,2,4-Trimethylbenzene	9.30		"	10.0		93.0	82-132		5.74	30	
1,2-Dibromo-3-chloropropane	6.74		"	10.0		67.4	45-147		5.96	30	
1,2-Dibromoethane	8.95		"	10.0		89.5	83-124		10.2	30	
1,2-Dichlorobenzene	9.31		"	10.0		93.1	79-123		2.75	30	
1,2-Dichloroethane	8.80		"	10.0		88.0	73-132		13.7	30	
1,2-Dichloropropane	9.35		"	10.0		93.5	78-126		0.640	30	
1,3,5-Trimethylbenzene	9.53		"	10.0		95.3	80-131		7.18	30	
1,3-Dichlorobenzene	9.32		"	10.0		93.2	86-122		4.20	30	
1,4-Dichlorobenzene	9.19		"	10.0		91.9	85-124		4.78	30	
1,4-Dioxane	96.2		"	210		45.8	10-349		38.1	30	Non-dir.
2-Butanone	7.38		"	10.0		73.8	49-152		23.8	30	
2-Hexanone	6.11		"	10.0		61.1	51-146		22.2	30	
4-Methyl-2-pentanone	6.40		"	10.0		64.0	57-145		17.5	30	
Acetone	7.99		"	10.0		79.9	14-150		13.5	30	
Acrolein	9.05		"	10.0		90.5	10-153		18.5	30	
Acrylonitrile	9.71		"	10.0		97.1	51-150		19.6	30	
Benzene	10.9		"	10.0		109	85-126		5.67	30	
Bromochloromethane	9.49		"	10.0		94.9	77-128		13.1	30	
Bromodichloromethane	8.27		"	10.0		82.7	79-128		3.19	30	
Bromoform	8.99		"	10.0		89.9	78-133		13.0	30	
Bromomethane	8.98		"	10.0		89.8	43-168		1.46	30	
Carbon disulfide	11.0		"	10.0		110	68-146		2.21	30	
Carbon tetrachloride	9.22		"	10.0		92.2	77-141		3.76	30	
Chlorobenzene	9.75		"	10.0		97.5	88-120		0.824	30	
Chloroethane	12.0		"	10.0		120	65-136		10.0	30	
Chloroform	9.95		"	10.0		99.5	82-128		6.43	30	
Chloromethane	11.2		"	10.0		112	43-155		0.0892	30	
cis-1,2-Dichloroethylene	9.79		"	10.0		97.9	83-129		8.41	30	
cis-1,3-Dichloropropylene	8.79		"	10.0		87.9	80-131		3.47	30	
Cyclohexane	8.31		"	10.0		83.1	63-149		5.19	30	
Dibromochloromethane	8.95		"	10.0		89.5	80-130		10.5	30	
Dibromomethane	8.65		"	10.0		86.5	72-134		9.06	30	
Dichlorodifluoromethane	12.0		"	10.0		120	44-144		2.79	30	
Ethyl Benzene	9.61		"	10.0		96.1	80-131		2.06	30	
Hexachlorobutadiene	10.7		"	10.0		107	67-146		0.654	30	
Isopropylbenzene	9.24		"	10.0		92.4	76-140		8.70	30	
Methyl acetate	7.72		"	10.0		77.2	51-139		27.1	30	
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	76-135		23.9	30	
Methylcyclohexane	9.92		"	10.0		99.2	72-143		5.11	30	
Methylene chloride	9.67		"	10.0		96.7	55-137		8.97	30	
n-Butylbenzene	8.53		"	10.0		85.3	79-132		9.07	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11229 - EPA 5030B											
LCS Dup (BF11229-BSD1) LCS Dup							Prepared & Analyzed: 06/23/2021				
n-Propylbenzene	9.25		ug/L	10.0		92.5	78-133		8.29	30	
o-Xylene	9.42		"	10.0		94.2	78-130		0.212	30	
p- & m- Xylenes	19.3		"	20.0		96.5	77-133		2.46	30	
p-Isopropyltoluene	9.70		"	10.0		97.0	81-136		8.11	30	
sec-Butylbenzene	9.77		"	10.0		97.7	79-137		9.46	30	
Styrene	9.49		"	10.0		94.9	67-132		0.105	30	
tert-Butyl alcohol (TBA)	26.8		"	50.0		53.7	25-162		36.4	30	Non-dir.
tert-Butylbenzene	7.90		"	10.0		79.0	77-138		9.18	30	
Tetrachloroethylene	9.64		"	10.0		96.4	82-131		2.26	30	
Toluene	9.37		"	10.0		93.7	80-127		3.56	30	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132		5.30	30	
trans-1,3-Dichloropropylene	8.27		"	10.0		82.7	78-131		8.05	30	
Trichloroethylene	9.17		"	10.0		91.7	82-128		5.10	30	
Trichlorofluoromethane	10.3		"	10.0		103	67-139		3.85	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		0.462	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.37*		*"*	*10.0*		*83.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.21*		*"*	*10.0*		*92.1*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF11111 - EPA 3510C

Blank (BF11111-BLK1) Blank — Prepared & Analyzed: 06/22/2021

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
Blank (BF11111-BLK1) Blank									Prepared & Analyzed: 06/22/2021		
Surrogate: SURR: 2-Fluorophenol	*24.1*		*ug/L*	*50.0*		*48.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*16.0*		*"*	*50.0*		*32.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.0*		*"*	*25.0*		*75.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.1*		*"*	*25.0*		*80.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*46.9*		*"*	*50.0*		*93.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*29.8*		*"*	*25.0*		*119*	*30.7-106*				
Blank (BF11111-BLK2) Blank									Prepared & Analyzed: 06/22/2021		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0800	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	0.0800	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

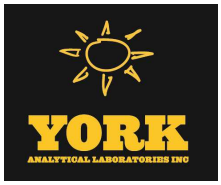
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
LCS (BF11111-BS1) LCS							Prepared & Analyzed: 06/22/2021				
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.5	33-95				
1,2,4,5-Tetrachlorobenzene	17.0	5.00	"	50.0		34.0	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	17.4	5.00	"	25.0		69.8	16-141				
2,3,4,6-Tetrachlorophenol	18.9	5.00	"	25.0		75.5	30-130				
2,4,5-Trichlorophenol	20.2	5.00	"	25.0		80.8	32-114				
2,4,6-Trichlorophenol	19.6	5.00	"	25.0		78.2	35-118				
2,4-Dichlorophenol	17.4	5.00	"	25.0		69.7	25-116				
2,4-Dimethylphenol	14.9	5.00	"	25.0		59.5	15-116				
2,4-Dinitrophenol	27.4	5.00	"	25.0		110	10-170				
2,4-Dinitrotoluene	24.2	5.00	"	25.0		97.0	41-128				
2,6-Dinitrotoluene	24.6	5.00	"	25.0		98.4	45-116				
2-Chloronaphthalene	18.0	5.00	"	25.0		71.8	33-112				
2-Chlorophenol	16.9	5.00	"	25.0		67.4	15-120				
2-Methylnaphthalene	18.0	5.00	"	25.0		72.0	24-118				
2-Methylphenol	16.2	5.00	"	25.0		65.0	10-110				
2-Nitroaniline	23.0	5.00	"	25.0		91.9	34-129				
2-Nitrophenol	20.3	5.00	"	25.0		81.3	28-118				
3- & 4-Methylphenols	14.3	5.00	"	25.0		57.3	10-107				
3,3-Dichlorobenzidine	18.8	5.00	"	50.0		37.6	15-187				
3-Nitroaniline	19.9	5.00	"	25.0		79.7	24-134				
4,6-Dinitro-2-methylphenol	26.8	5.00	"	25.0		107	10-153				
4-Bromophenyl phenyl ether	18.2	5.00	"	25.0		72.9	34-120				
4-Chloro-3-methylphenol	17.4	5.00	"	25.0		69.5	20-120				
4-Chloroaniline	15.2	5.00	"	25.0		60.8	10-147				
4-Chlorophenyl phenyl ether	18.6	5.00	"	25.0		74.4	27-121				
4-Nitroaniline	19.8	5.00	"	25.0		79.0	13-134				
4-Nitrophenol	10.4	5.00	"	25.0		41.6	10-131				
Acetophenone	18.7	5.00	"	25.0		74.7	25-110				
Aniline	15.0	5.00	"	25.0		59.8	10-117				
Benzaldehyde	19.2	5.00	"	25.0		76.6	29-117				
Benzoic acid	9.40	5.00	"	25.0		37.6	30-130				
Benzyl alcohol	18.3	5.00	"	25.0		73.2	10-117				
Benzyl butyl phthalate	22.8	5.00	"	25.0		91.2	29-133				
Bis(2-chloroethoxy)methane	15.8	5.00	"	25.0		63.4	10-154				
Bis(2-chloroethyl)ether	16.9	5.00	"	25.0		67.5	17-125				
Bis(2-chloroisopropyl)ether	14.8	5.00	"	25.0		59.0	10-139				
Caprolactam	6.14	5.00	"	25.0		24.6	10-137				
Carbazole	18.4	5.00	"	25.0		73.6	42-126				
Dibenzofuran	19.2	5.00	"	25.0		76.6	36-113				
Diethyl phthalate	19.3	5.00	"	25.0		77.2	38-115				
Dimethyl phthalate	19.0	5.00	"	25.0		76.0	38-129				
Di-n-butyl phthalate	20.6	5.00	"	25.0		82.2	31-120				
Di-n-octyl phthalate	24.1	5.00	"	25.0		96.4	21-149				
Diphenylamine	22.2	5.00	"	25.0		88.6	40-140				
Hexachlorocyclopentadiene	11.5	10.0	"	25.0		46.0	10-130				
Isophorone	16.1	5.00	"	25.0		64.3	25-127				
N-nitroso-di-n-propylamine	15.8	5.00	"	25.0		63.0	26-122				
N-Nitrosodiphenylamine	21.3	5.00	"	25.0		85.4	23-149				
Phenol	9.62	5.00	"	25.0		38.5	10-110				
Pyridine	10.8	5.00	"	25.5		42.2	10-90				
Surrogate: SURR: 2-Fluorophenol	*23.2*		*"*	*50.0*		*46.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
LCS (BF11111-BS1) LCS									Prepared & Analyzed: 06/22/2021		
Surrogate: SURR: Phenol-d5	*16.2*		*ug/L*	*50.0*		*32.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.2*		*"*	*25.0*		*69.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.7*		*"*	*25.0*		*74.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.6*		*"*	*50.0*		*91.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*27.8*		*"*	*25.0*		*111*	*30.7-106*				
LCS (BF11111-BS2) LCS									Prepared & Analyzed: 06/22/2021		
Acenaphthene	0.650	0.0500	ug/L				25-116				
Acenaphthylene	0.680	0.0500	"				26-116				
Anthracene	0.600	0.0500	"				25-123				
Benzo(a)anthracene	0.800	0.0500	"				33-125				
Benzo(a)pyrene	0.620	0.0500	"				32-132				
Benzo(b)fluoranthene	0.840	0.0500	"				22-137				
Benzo(g,h,i)perylene	0.810	0.0500	"				10-138				
Benzo(k)fluoranthene	0.790	0.0500	"				20-137				
Bis(2-ethylhexyl)phthalate	1.20	0.500	"				10-189				
Chrysene	0.810	0.0500	"				32-124				
Dibenzo(a,h)anthracene	0.870	0.0500	"				16-133				
Fluoranthene	0.920	0.0500	"				32-121				
Fluorene	0.790	0.0500	"				28-118				
Hexachlorobenzene	0.640	0.0200	"				23-124				
Hexachlorobutadiene	0.640	0.500	"				15-123				
Hexachloroethane	0.610	0.500	"				18-115				
Indeno(1,2,3-cd)pyrene	0.810	0.0500	"				15-135				
Naphthalene	0.700	0.0500	"				18-120				
Nitrobenzene	0.700	0.250	"				21-121				
N-Nitrosodimethylamine	ND	0.500	"				10-124				
Pentachlorophenol	0.640	0.250	"				10-156				
Phenanthrene	0.780	0.0500	"				24-127				
Pyrene	0.720	0.0500	"				31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
LCS Dup (BF11111-BSD1) LCS Dup							Prepared & Analyzed: 06/22/2021				
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.4	33-95		0.114	20	
1,2,4,5-Tetrachlorobenzene	17.1	5.00	"	50.0		34.3	26-120		0.880	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.7	5.00	"	25.0		70.6	16-141		1.25	20	
2,3,4,6-Tetrachlorophenol	19.3	5.00	"	25.0		77.3	30-130		2.30	20	
2,4,5-Trichlorophenol	20.4	5.00	"	25.0		81.4	32-114		0.740	20	
2,4,6-Trichlorophenol	19.6	5.00	"	25.0		78.6	35-118		0.510	20	
2,4-Dichlorophenol	17.1	5.00	"	25.0		68.5	25-116		1.74	20	
2,4-Dimethylphenol	15.0	5.00	"	25.0		60.0	15-116		0.870	20	
2,4-Dinitrophenol	27.8	5.00	"	25.0		111	10-170		1.49	20	
2,4-Dinitrotoluene	23.9	5.00	"	25.0		95.5	41-128		1.54	20	
2,6-Dinitrotoluene	24.0	5.00	"	25.0		96.2	45-116		2.26	20	
2-Chloronaphthalene	17.5	5.00	"	25.0		70.0	33-112		2.65	20	
2-Chlorophenol	16.4	5.00	"	25.0		65.8	15-120		2.52	20	
2-Methylnaphthalene	17.4	5.00	"	25.0		69.6	24-118		3.33	20	
2-Methylphenol	15.4	5.00	"	25.0		61.5	10-110		5.57	20	
2-Nitroaniline	22.0	5.00	"	25.0		87.8	34-129		4.54	20	
2-Nitrophenol	20.9	5.00	"	25.0		83.6	28-118		2.86	20	
3- & 4-Methylphenols	13.6	5.00	"	25.0		54.3	10-107		5.45	20	
3,3-Dichlorobenzidine	19.5	5.00	"	50.0		39.0	15-187		3.60	20	
3-Nitroaniline	20.2	5.00	"	25.0		80.6	24-134		1.10	20	
4,6-Dinitro-2-methylphenol	26.4	5.00	"	25.0		106	10-153		1.32	20	
4-Bromophenyl phenyl ether	18.2	5.00	"	25.0		72.7	34-120		0.275	20	
4-Chloro-3-methylphenol	16.8	5.00	"	25.0		67.2	20-120		3.33	20	
4-Chloroaniline	14.6	5.00	"	25.0		58.4	10-147		3.89	20	
4-Chlorophenyl phenyl ether	18.4	5.00	"	25.0		73.8	27-121		0.918	20	
4-Nitroaniline	19.9	5.00	"	25.0		79.5	13-134		0.656	20	
4-Nitrophenol	9.84	5.00	"	25.0		39.4	10-131		5.44	20	
Acetophenone	17.8	5.00	"	25.0		71.0	25-110		5.00	20	
Aniline	14.7	5.00	"	25.0		58.9	10-117		1.62	20	
Benzaldehyde	19.2	5.00	"	25.0		76.7	29-117		0.104	20	
Benzoic acid	9.64	5.00	"	25.0		38.6	30-130		2.52	20	
Benzyl alcohol	18.4	5.00	"	25.0		73.5	10-117		0.382	20	
Benzyl butyl phthalate	23.2	5.00	"	25.0		92.7	29-133		1.61	20	
Bis(2-chloroethoxy)methane	15.6	5.00	"	25.0		62.3	10-154		1.65	20	
Bis(2-chloroethyl)ether	16.7	5.00	"	25.0		66.8	17-125		1.13	20	
Bis(2-chloroisopropyl)ether	14.6	5.00	"	25.0		58.2	10-139		1.43	20	
Caprolactam	5.78	5.00	"	25.0		23.1	10-137		6.04	20	
Carbazole	18.5	5.00	"	25.0		73.9	42-126		0.434	20	
Dibenzofuran	18.8	5.00	"	25.0		75.0	36-113		2.16	20	
Diethyl phthalate	19.2	5.00	"	25.0		77.0	38-115		0.311	20	
Dimethyl phthalate	19.3	5.00	"	25.0		77.2	38-129		1.67	20	
Di-n-butyl phthalate	21.4	5.00	"	25.0		85.6	31-120		4.01	20	
Di-n-octyl phthalate	24.6	5.00	"	25.0		98.3	21-149		1.93	20	
Diphenylamine	22.6	5.00	"	25.0		90.6	40-140		2.23	20	
Hexachlorocyclopentadiene	11.9	10.0	"	25.0		47.6	10-130		3.33	20	
Isophorone	15.8	5.00	"	25.0		63.1	25-127		1.88	20	
N-nitroso-di-n-propylamine	15.6	5.00	"	25.0		62.4	26-122		1.02	20	
N-Nitrosodiphenylamine	21.6	5.00	"	25.0		86.3	23-149		1.12	20	
Phenol	9.51	5.00	"	25.0		38.0	10-110		1.15	20	
Pyridine	10.6	5.00	"	25.5		41.4	10-90		1.88	20	
Surrogate: SURR: 2-Fluorophenol	*22.3*		*"*	*50.0*		*44.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11111 - EPA 3510C											
LCS Dup (BF11111-BSD1) LCS Dup									Prepared & Analyzed: 06/22/2021		
Surrogate: SURR: Phenol-d5	*15.6*		*ug/L*	*50.0*		*31.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.2*		*"*	*25.0*		*68.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.1*		*"*	*25.0*		*72.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.1*		*"*	*50.0*		*90.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*28.5*		*"*	*25.0*		*114*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11125 - EPA 3535A											
Blank (BF11125-BLK1) Blank								Prepared & Analyzed: 06/22/2021			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.16*		*"*	*4.00*		*104*	*36.6-118*				
LCS (BF11125-BS1) LCS								Prepared & Analyzed: 06/22/2021			
1,4-Dioxane	3.84	0.300	ug/L	4.00		96.0	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*36.6-118*				
Matrix Spike (BF11125-MS1) Matrix Spike *Source sample: 21F0985-96 (Matrix Spike)								Prepared & Analyzed: 06/22/2021			
1,4-Dioxane	3.63	0.300	ug/L	4.00	ND	90.8	50-130				
Surrogate: 1,4-Dioxane-d8	*3.52*		*"*	*4.00*		*88.0*	*50-130*				
Matrix Spike Dup (BF11125-M Matrix Spike Dup *Source sample: 21F0985-96 (Matrix Spike Dup)								Prepared & Analyzed: 06/22/2021			
1,4-Dioxane	3.63	0.300	ug/L	4.00	ND	90.8	50-130		0.00	30	
Surrogate: 1,4-Dioxane-d8	*3.52*		*"*	*4.00*		*88.0*	*50-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11154 - EPA SW846-3510C Low Level											
Blank (BF11154-BLK1) Blank									Prepared: 06/22/2021 Analyzed: 06/23/2021		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.6*	*30-150*				
LCS (BF11154-BS1) LCS									Prepared: 06/22/2021 Analyzed: 06/23/2021		
4,4'-DDD	0.102	0.00400	ug/L	0.100		102	40-140				
4,4'-DDE	0.0854	0.00400	"	0.100		85.4	40-140				
4,4'-DDT	0.0887	0.00400	"	0.100		88.7	40-140				
Aldrin	0.0757	0.00400	"	0.100		75.7	40-140				
alpha-BHC	0.0789	0.00400	"	0.100		78.9	40-140				
alpha-Chlordane	0.0867	0.00400	"	0.100		86.7	40-140				
beta-BHC	0.0924	0.00400	"	0.100		92.4	40-140				
delta-BHC	0.0880	0.00400	"	0.100		88.0	40-140				
Dieldrin	0.0911	0.00200	"	0.100		91.1	40-140				
Endosulfan I	0.0910	0.00400	"	0.100		91.0	40-140				
Endosulfan II	0.0967	0.00400	"	0.100		96.7	40-140				
Endosulfan sulfate	0.0879	0.00400	"	0.100		87.9	40-140				
Endrin	0.0877	0.00400	"	0.100		87.7	40-140				
Endrin aldehyde	0.0955	0.0100	"	0.100		95.5	40-140				
Endrin ketone	0.101	0.0100	"	0.100		101	40-140				
gamma-BHC (Lindane)	0.0819	0.00400	"	0.100		81.9	40-140				
gamma-Chlordane	0.0889	0.0100	"	0.100		88.9	40-140				
Heptachlor	0.0960	0.00400	"	0.100		96.0	40-140				
Heptachlor epoxide	0.0881	0.00400	"	0.100		88.1	40-140				
Methoxychlor	0.0786	0.00400	"	0.100		78.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.146*		*"*	*0.200*		*73.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11154 - EPA SW846-3510C Low Level											
LCS Dup (BF11154-BSD1) LCS Dup								Prepared: 06/22/2021 Analyzed: 06/23/2021			
4,4'-DDD	0.102	0.00400	ug/L	0.100		102	40-140		0.0738	20	
4,4'-DDE	0.0855	0.00400	"	0.100		85.5	40-140		0.194	20	
4,4'-DDT	0.0901	0.00400	"	0.100		90.1	40-140		1.61	20	
Aldrin	0.0810	0.00400	"	0.100		81.0	40-140		6.81	20	
alpha-BHC	0.0851	0.00400	"	0.100		85.1	40-140		7.58	20	
alpha-Chlordane	0.0894	0.00400	"	0.100		89.4	40-140		3.01	20	
beta-BHC	0.0952	0.00400	"	0.100		95.2	40-140		2.99	20	
delta-BHC	0.0899	0.00400	"	0.100		89.9	40-140		2.18	20	
Dieldrin	0.0941	0.00200	"	0.100		94.1	40-140		3.18	20	
Endosulfan I	0.0952	0.00400	"	0.100		95.2	40-140		4.52	20	
Endosulfan II	0.0978	0.00400	"	0.100		97.8	40-140		1.10	20	
Endosulfan sulfate	0.0893	0.00400	"	0.100		89.3	40-140		1.60	20	
Endrin	0.0903	0.00400	"	0.100		90.3	40-140		2.90	20	
Endrin aldehyde	0.0868	0.0100	"	0.100		86.8	40-140		9.57	20	
Endrin ketone	0.0990	0.0100	"	0.100		99.0	40-140		1.57	20	
gamma-BHC (Lindane)	0.0881	0.00400	"	0.100		88.1	40-140		7.31	20	
gamma-Chlordane	0.0917	0.0100	"	0.100		91.7	40-140		3.12	20	
Heptachlor	0.103	0.00400	"	0.100		103	40-140		6.77	20	
Heptachlor epoxide	0.0926	0.00400	"	0.100		92.6	40-140		4.96	20	
Methoxychlor	0.0811	0.00400	"	0.100		81.1	40-140		3.13	20	
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.200*		*75.5*	*30-150*				
Batch Y1D0212 - BC11630											
Performance Mix (Y1D0212-P Performance Mix								Prepared & Analyzed: 04/01/2021			
4,4'-DDD	10.7		ng/mL	0.00			0-200				
4,4'-DDE	0.811		"	0.00			0-200				
4,4'-DDT	247		"	200		123	0-200				
Endrin	129		"	100		129	0-200				
Endrin aldehyde	0.667		"	0.00			0-200				
Endrin ketone	2.54		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y1F2412 - BF11156											
Performance Mix (Y1F2412-P Performance Mix										Prepared & Analyzed: 06/23/2021	
4,4'-DDD	16.5		ng/mL	0.00			0-200				
4,4'-DDE	0.762		"	0.00			0-200				
4,4'-DDT	140		"	200		70.0	0-200				
Endrin	90.4		"	100		90.4	0-200				
Endrin aldehyde	0.823		"	0.00			0-200				
Endrin ketone	5.98		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11154 - EPA SW846-3510C Low Level											
Blank (BF11154-BLK2) Blank								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0960*		*"*	*0.200*		*48.0*	*30-120*				
LCS (BF11154-BS2) LCS								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Aroclor 1016	0.939	0.0500	ug/L	1.00		93.9	40-120				
Aroclor 1260	0.931	0.0500	"	1.00		93.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.148*		*"*	*0.200*		*74.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.105*		*"*	*0.200*		*52.5*	*30-120*				
LCS Dup (BF11154-BSD2) LCS Dup								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Aroclor 1016	1.07	0.0500	ug/L	1.00		107	40-120		12.7	30	
Aroclor 1260	0.973	0.0500	"	1.00		97.3	40-120		4.35	30	
Surrogate: Tetrachloro-m-xylene	*0.170*		*"*	*0.200*		*85.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0830*		*"*	*0.200*		*41.5*	*30-120*				
Batch Y1F2347 - BF11195											
Aroclor Reference (Y1F2347- Aroclor Reference								Prepared & Analyzed: 06/23/2021			
Surrogate: Tetrachloro-m-xylene	*0.208*		*ug/mL*	*0.200*		*104*					
Surrogate: Decachlorobiphenyl	*0.188*		*"*	*0.200*		*94.0*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11107 - EPA 3050B											
Blank (BF11107-BLK1) Blank								Prepared & Analyzed: 06/22/2021			
Barium	ND	2.50	mg/kg wet								
Chromium	ND	0.500	"								
Copper	ND	2.00	"								
Lead	ND	0.500	"								
Nickel	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BF11107-DUP1) Duplicate	*Source sample: 21F0987-04 (SB111R_10-11)							Prepared & Analyzed: 06/22/2021			
Barium	36.0	2.99	mg/kg dry		34.1				5.45	35	
Chromium	18.4	0.598	"		20.5				10.7	35	
Copper	21.7	2.39	"		24.5				12.3	35	
Lead	3.24	0.598	"		5.66				54.3	35	Non-dir.
Nickel	88.3	1.20	"		100				12.7	35	
Zinc	19.1	2.99	"		21.1				9.91	35	
Matrix Spike (BF11107-MS1) Matrix Spike	*Source sample: 21F0987-04 (SB111R_10-11)							Prepared & Analyzed: 06/22/2021			
Barium	283	2.99	mg/kg dry	239	34.1	104	75-125				
Chromium	39.5	0.598	"	23.9	20.5	79.5	75-125				
Copper	50.7	2.39	"	29.9	24.5	87.8	75-125				
Lead	70.1	0.598	"	59.8	5.66	108	75-125				
Nickel	135	1.20	"	59.8	100	57.8	75-125	Low Bias			
Zinc	81.4	2.99	"	59.8	21.1	101	75-125				
Post Spike (BF11107-PS1) Post Spike	*Source sample: 21F0987-04 (SB111R_10-11)							Prepared & Analyzed: 06/22/2021			
Barium	2.51		ug/mL	2.00	0.285	111	75-125				
Chromium	0.379		"	0.200	0.172	104	75-125				
Copper	0.476		mg/L	0.250	0.205	109	75-125				
Lead	0.624		ug/mL	0.500	0.0473	115	75-125				
Nickel	1.41		mg/L	0.500	0.839	115	75-125				
Zinc	0.709		"	0.500	0.176	107	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11107 - EPA 3050B											
Reference (BF11107-SRM1) Reference									Prepared & Analyzed: 06/22/2021		
Barium	140	2.50	mg/kg wet	138		101	75-125				
Chromium	118	0.500	"	117		101	70.1-129.9				
Copper	152	2.00	"	143		106	75.3-125.3				
Lead	76.8	0.500	"	77.6		98.9	70-130				
Nickel	98.5	1.00	"	79.9		123	70.1-130.1				
Zinc	322	2.50	"	312		103	69.9-130.1				
Batch BF11126 - EPA 3015A											
Blank (BF11126-BLK1) Blank									Prepared & Analyzed: 06/22/2021		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.0928	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11126 - EPA 3015A											
LCS (BF11126-BS1) LCS								Prepared & Analyzed: 06/22/2021			
Aluminum	1.93		ug/mL	2.00		96.4	80-120				
Barium	2.05		"	2.00		103	80-120				
Barium	2.05		"	2.00		103	80-120				
Calcium	1.08		"	1.00		108	80-120				
Chromium	0.195		"	0.200		97.5	80-120				
Cobalt	0.505		"	0.500		101	80-120				
Copper	0.255		"	0.250		102	80-120				
Iron	1.02		"	1.00		102	80-120				
Lead	0.535		"	0.500		107	80-120				
Lead	0.535		"	0.500		107	80-120				
Magnesium	1.04		"	1.00		104	80-120				
Manganese	0.510		"	0.500		102	80-120				
Nickel	0.496		"	0.500		99.1	80-120				
Potassium	1.10		"	1.00		110	80-120				
Silver	0.0503		"	0.0500		101	80-120				
Sodium	0.780		"	1.00		78.0	80-120	Low Bias			
Vanadium	0.500		"	0.500		100	80-120				
Zinc	0.485		"	0.500		97.0	80-120				
Duplicate (BF11126-DUP1) Duplicate	*Source sample: 21F0976-03 (Duplicate)							Prepared & Analyzed: 06/22/2021			
Aluminum	1.90	0.0556	mg/L		1.93				1.53	20	
Barium	0.0444	0.0278	"		0.0443				0.197	20	
Barium	0.0444	0.0278	"		0.0443				0.197	20	
Calcium	37.2	0.0556	"		37.9				1.99	20	
Chromium	0.00921	0.00556	"		0.00846				8.45	20	
Cobalt	0.0417	0.00444	"		0.0412				1.22	20	
Copper	0.272	0.0222	"		0.271				0.268	20	
Iron	3.64	0.278	"		3.78				3.91	20	
Lead	0.00653	0.00556	"		ND					20	
Lead	0.00653	0.00556	"		ND					20	
Magnesium	4.52	0.0556	"		4.60				1.71	20	
Manganese	0.100	0.00556	"		0.101				0.241	20	
Nickel	0.137	0.0111	"		0.139				0.912	20	
Potassium	93.7	0.0556	"		95.8				2.24	20	
Silver	ND	0.00556	"		ND					20	
Sodium	90.7	0.556	"		92.4				1.85	20	
Vanadium	0.0157	0.0111	"		0.0152				3.47	20	
Zinc	1.23	0.0278	"		1.22				0.187	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11126 - EPA 3015A											
Matrix Spike (BF11126-MS1) Matrix Spike	*Source sample: 21F0976-03 (Matrix Spike)							Prepared & Analyzed: 06/22/2021			
Aluminum	4.16	0.0556	mg/L	2.22	1.93	100	75-125				
Barium	2.45	0.0278	"	2.22	0.0443	108	75-125				
Barium	2.45	0.0278	"	2.22	0.0443	108	75-125				
Calcium	38.0	0.0556	"	1.11	37.9	4.84	75-125	Low Bias			
Chromium	0.245	0.00556	"	0.222	0.00846	106	75-125				
Cobalt	0.656	0.00444	"	0.556	0.0412	111	75-125				
Copper	0.583	0.0222	"	0.278	0.271	112	75-125				
Iron	4.86	0.278	"	1.11	3.78	97.4	75-125				
Lead	0.639	0.00556	"	0.556	ND	115	75-125				
Lead	0.639	0.00556	"	0.556	ND	115	75-125				
Magnesium	5.69	0.0556	"	1.11	4.60	98.2	75-125				
Manganese	0.703	0.00556	"	0.556	0.101	108	75-125				
Nickel	0.753	0.0111	"	0.556	0.139	111	75-125				
Potassium	94.2	0.0556	"	1.11	95.8	NR	75-125	Low Bias			
Silver	0.0623	0.00556	"	0.0556	ND	112	75-125				
Sodium	90.2	0.556	"	1.11	92.4	NR	75-125	Low Bias			
Vanadium	0.609	0.0111	"	0.556	0.0152	107	75-125				
Zinc	1.81	0.0278	"	0.556	1.22	105	75-125				
Post Spike (BF11126-PS1) Post Spike	*Source sample: 21F0976-03 (Post Spike)							Prepared & Analyzed: 06/22/2021			
Aluminum	3.82		ug/mL	2.00	1.74	104	75-125				
Barium	2.33		"	2.00	0.0399	115	75-125				
Barium	2.33		"	2.00	0.0399	115	75-125				
Calcium	34.3		"	1.00	34.1	20.0	75-125	Low Bias			
Chromium	0.232		"	0.200	0.00762	112	75-125				
Cobalt	0.619		"	0.500	0.0371	116	75-125				
Copper	0.544		"	0.250	0.244	120	75-125				
Iron	4.40		"	1.00	3.40	99.6	75-125				
Lead	0.599		"	0.500	0.00377	119	75-125				
Lead	0.599		"	0.500	0.00377	119	75-125				
Magnesium	5.17		"	1.00	4.14	103	75-125				
Manganese	0.666		"	0.500	0.0906	115	75-125				
Nickel	0.704		"	0.500	0.125	116	75-125				
Potassium	85.3		"	1.00	86.2	NR	75-125	Low Bias			
Silver	0.0516		"	0.0500	-0.000767	103	75-125				
Sodium	80.9		"	1.00	83.2	NR	75-125	Low Bias			
Vanadium	0.581		"	0.500	0.0137	113	75-125				
Zinc	1.67		"	0.500	1.10	114	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11119 - EPA 3015A											
Blank (BF11119-BLK1) Blank								Prepared & Analyzed: 06/22/2021			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BF11119-BS1) LCS								Prepared & Analyzed: 06/22/2021			
Antimony	47.7		ug/L	50.0		95.4	80-120				
Arsenic	49.9		"	50.0		99.8	80-120				
Beryllium	48.7		"	50.0		97.5	80-120				
Cadmium	49.5		"	50.0		99.0	80-120				
Selenium	48.1		"	50.0		96.2	80-120				
Thallium	49.7		"	50.0		99.4	80-120				
Duplicate (BF11119-DUP1) Duplicate *Source sample: 21F0982-01 (Duplicate)								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00191	0.00111	"		0.00212				10.6	20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	ND	0.00111	"		0.00195					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BF11119-MS1) Matrix Spike *Source sample: 21F0982-01 (Matrix Spike)								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Antimony	51.1		ug/L	50.0	0.077	102	75-125				
Arsenic	51.1		"	50.0	1.91	98.3	75-125				
Beryllium	39.6		"	50.0	0.005	79.2	75-125				
Cadmium	55.6		"	50.0	0.005	111	75-125				
Selenium	45.4		"	50.0	1.75	87.3	75-125				
Thallium	47.7		"	50.0	-0.0008	95.4	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11139 - EPA SW846-7470A												
Blank (BF11139-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0002	mg/L								
LCS (BF11139-BS1)	LCS								Prepared & Analyzed: 06/22/2021			
Mercury		0.002030	0.0002	mg/L	0.00200		101	80-120				
Duplicate (BF11139-DUP1)	Duplicate	*Source sample: 21F0987-16 (SOFB05_062121)							Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0002	mg/L		ND					20	
Matrix Spike (BF11139-MS1)	Matrix Spike	*Source sample: 21F0987-16 (SOFB05_062121)							Prepared & Analyzed: 06/22/2021			
Mercury		0.0021	0.0002	mg/L	0.00200	ND	105	75-125				
Batch BF11150 - EPA 7473 soil												
Blank (BF11150-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BF11150-DUP1)	Duplicate	*Source sample: 21F0985-53 (Duplicate)							Prepared & Analyzed: 06/22/2021			
Mercury		0.205	0.0346	mg/kg dry		0.123				49.8	35	Non-dir.
Matrix Spike (BF11150-MS1)	Matrix Spike	*Source sample: 21F0985-53 (Matrix Spike)							Prepared & Analyzed: 06/22/2021			
Mercury		0.519		mg/kg	0.500	0.107	82.6	75-125				
Reference (BF11150-SRM1)	Reference								Prepared & Analyzed: 06/22/2021			
Mercury		21.702		mg/kg	27.2		79.8	59.9-140.1				
Batch BF11161 - EPA 7473 soil												
Blank (BF11161-BLK1)	Blank								Prepared & Analyzed: 06/22/2021			
Mercury		ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11161 - EPA 7473 soil											
Duplicate (BF11161-DUP1) Duplicate	*Source sample: 21F0987-04 (SB111R_10-11)							Prepared & Analyzed: 06/22/2021			
Mercury	ND	0.0359	mg/kg dry		ND					35	
Matrix Spike (BF11161-MS1) Matrix Spike	*Source sample: 21F0987-04 (SB111R_10-11)							Prepared & Analyzed: 06/22/2021			
Mercury	0.421		mg/kg	0.500	0.00560	83.0	75-125				
Reference (BF11161-SRM1) Reference								Prepared & Analyzed: 06/22/2021			
Mercury	22.309		mg/kg	27.2		82.0	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11135 - % Solids Prep											
Duplicate (BF11135-DUP1) Duplicate	*Source sample: 21F0985-53 (Duplicate)								Prepared & Analyzed: 06/22/2021		
% Solids	85.7	0.100	%		86.6				1.12	20	
Batch BF11136 - % Solids Prep											
Duplicate (BF11136-DUP1) Duplicate	*Source sample: 21F0987-04 (SB111R_10-11)								Prepared & Analyzed: 06/22/2021		
% Solids	83.5	0.100	%		83.7				0.155	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21F0987-15	SOFB04_062121	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0987-17	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PRES	Sample was received with no preservative and was preserved upon receipt at the laboratory. If for metals, the sample was allowed to sit for 18-24 hours before analysis.
M-SRD1	The serial dilution for this element was outside control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F0985?
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170810801	RUSH - Next Day ✓
Address: 360 W 31ST ST. 8TH FL NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AV

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB108R_10-11	S	6/21/21 9:15	BARIUM, CHROMIUM, COPPER, LEAD, MERCURY, NICKEL, ZINC	
SB108R_11-12	S	9:16	(HOLD)	
SB108R_12-13	S	9:17	(HOLD)	
SB111R_10-11	S	12:15	LEAD, MERCURY, NICKEL, ZINC	
SB111R_11-12	S	12:17	(HOLD)	
SB111R_12-13	S	12:19	(HOLD)	
MS/MSD_S001_062121	S	12:06	BARIUM PARENT: SB108R_E2_4-5	
MS/MSD_S002_062121	S	12:29	MERCURY PARENT: SB111R_1-8-9	
MS/MSD_S003_062121	S	12:47	MERCURY PARENT: SB111R_10-11	
MS/MSD_S004_062121	S	13:10	MERCURY PARENT: SB111R_N2_10-11	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AV / LANGAN	6/21/21 4:35	A Aranco	6/21/21 4:35	A Aranco	6/21/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Town	6/21/21 1815	Town	6/21/21 1945		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KBlum 6/21/21 1945	6.0 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F0985 7
KB 6/22/21

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ¦ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; (NY ASP B Package); CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SODUP01_062121	S	6/21/21	LEAD AND BARIUM	
SODUP02_062121	S		BARIUM [HOLD]	
SODUP03_062121	S		BARIUM [HOLD]	
SODUP04_062121	S		MERCURY [HOLD]	
SODUP05_062121	S		MERCURY [HOLD]	
SOFB01_062121	FB	14:45	TAL METALS (LEAD, BARIUM, MERCURY)	
SOFB02_062121	FB	14:50	TAL METALS (LEAD, BARIUM, MERCURY)	
SOFB03_062121	FB	14:55	TAL METALS (LEAD, BARIUM, MERCURY)	
SOFB04_062121	FB	15:00	P375/TCL SVOC3 AND TAL METALS	
SOFB05_062121	FB	15:05	P375/TCL VOC3, SVOCs, TAL METALS, PCB's, PEST, PFAS, 1,4-DIOXANE	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/21/21 4:35	AAranco	6/21/21 4:35	AAranco	6/21/21
Tom	6/21/21 1815	Tom	6/21/21 1945		

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time	Temp. Received at Lab
				BBlum	6/21/21 1945	6.0 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/25/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F1075

Report Date: 06/25/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F1075

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 22, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F1075-03	SB08R_W1_13-15	Soil	06/22/2021	06/22/2021
21F1075-13	SB08R_N2_13-15	Soil	06/22/2021	06/22/2021
21F1075-18	SB08R_E1_13-15	Soil	06/22/2021	06/22/2021
21F1075-25	SB08R_N1_13-15	Soil	06/22/2021	06/22/2021
21F1075-28	SB08R_S1_13-15	Soil	06/22/2021	06/22/2021

General Notes for York Project (SDG) No.: 21F1075

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/25/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB08R_W1_13-15 **York Sample ID:** 21F1075-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F1075	170610601	Soil	June 22, 2021 9:59 am	06/22/2021

Barium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**36.7**		mg/kg dry	2.94	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**9.51**		mg/kg dry	0.589	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:46	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.0**		%	0.100	1	SM 2540G	06/22/2021 19:13	06/23/2021 14:56	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB08R_N2_13-15 **York Sample ID:** 21F1075-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F1075	170610601	Soil	June 22, 2021 12:00 pm	06/22/2021

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.84**		mg/kg dry	0.584	1	EPA 6010D	06/24/2021 18:39	06/25/2021 14:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.6**		%	0.100	1	SM 2540G	06/24/2021 17:13	06/25/2021 13:49	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB08R_E1_13-15 **York Sample ID:** 21F1075-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F1075	170610601	Soil	June 22, 2021 11:34 am	06/22/2021

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**33.7**		mg/kg dry	2.93	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.38**		mg/kg dry	0.585	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:49	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.4**		%	0.100	1	SM 2540G	06/22/2021 19:13	06/23/2021 14:56	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB08R_N1_13-15 **York Sample ID:** 21F1075-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F1075	170610601	Soil	June 22, 2021 12:34 pm	06/22/2021

Barium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**174**		mg/kg dry	3.37	1	EPA 6010D	06/22/2021 19:14	06/24/2021 10:17	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**500**		mg/kg dry	0.675	1	EPA 6010D	06/22/2021 19:14	06/24/2021 10:17	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.1**		%	0.100	1	SM 2540G	06/22/2021 19:13	06/23/2021 14:56	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB08R_S1_13-15 **York Sample ID:** 21F1075-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F1075	170610601	Soil	June 22, 2021 10:49 am	06/22/2021

Barium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**38.2**		mg/kg dry	2.93	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:51	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**9.77**		mg/kg dry	0.586	1	EPA 6010D	06/22/2021 19:14	06/23/2021 16:51	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.4**		%	0.100	1	SM 2540G	06/22/2021 19:13	06/23/2021 14:56	VR
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BF11183 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21F1075-03	SB08R_W1_13-15	06/22/21
21F1075-18	SB08R_E1_13-15	06/22/21
21F1075-25	SB08R_N1_13-15	06/22/21
21F1075-28	SB08R_S1_13-15	06/22/21
BF11183-DUP1	Duplicate	06/22/21

Batch ID: BF11184 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F1075-03	SB08R_W1_13-15	06/22/21
21F1075-18	SB08R_E1_13-15	06/22/21
21F1075-25	SB08R_N1_13-15	06/22/21
21F1075-28	SB08R_S1_13-15	06/22/21
BF11184-BLK1	Blank	06/22/21
BF11184-DUP1	Duplicate	06/22/21
BF11184-MS1	Matrix Spike	06/22/21
BF11184-PS1	Post Spike	06/22/21
BF11184-SRM1	Reference	06/22/21

Batch ID: BF11370 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21F1075-13	SB08R_N2_13-15	06/24/21
BF11370-DUP1	Duplicate	06/24/21

Batch ID: BF11371 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F1075-13	SB08R_N2_13-15	06/24/21
BF11371-BLK1	Blank	06/24/21
BF11371-DUP1	Duplicate	06/24/21
BF11371-MS1	Matrix Spike	06/24/21
BF11371-PS1	Post Spike	06/24/21
BF11371-SRM1	Reference	06/24/21

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11184 - EPA 3050B											
Blank (BF11184-BLK1) Blank								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Barium	ND	2.50	mg/kg wet								
Lead	ND	0.500	"								
Duplicate (BF11184-DUP1) Duplicate	*Source sample: 21F0838-10 (Duplicate)							Prepared: 06/22/2021 Analyzed: 06/23/2021			
Barium	86.5	2.73	mg/kg dry		44.6				63.9	35	Non-dir.
Lead	12.1	0.545	"		5.67				72.4	35	Non-dir.
Matrix Spike (BF11184-MS1) Matrix Spike	*Source sample: 21F0838-10 (Matrix Spike)							Prepared: 06/22/2021 Analyzed: 06/23/2021			
Barium	219	2.73	mg/kg dry	218	44.6	79.8	75-125				
Lead	55.9	0.545	"	54.5	5.67	92.2	75-125				
Post Spike (BF11184-PS1) Post Spike	*Source sample: 21F0838-10 (Post Spike)							Prepared: 06/22/2021 Analyzed: 06/23/2021			
Barium	2.59		ug/mL	2.00	0.409	109	75-125				
Lead	0.611		"	0.500	0.0520	112	75-125				
Reference (BF11184-SRM1) Reference								Prepared: 06/22/2021 Analyzed: 06/23/2021			
Barium	147	2.50	mg/kg wet	138		107	75-125				
Lead	74.2	0.500	"	77.6		95.6	70-130				
Batch BF11371 - EPA 3050B											
Blank (BF11371-BLK1) Blank								Prepared: 06/24/2021 Analyzed: 06/25/2021			
Lead	ND	0.500	mg/kg wet								
Duplicate (BF11371-DUP1) Duplicate	*Source sample: 21F1222-05 (Duplicate)							Prepared: 06/24/2021 Analyzed: 06/25/2021			
Lead	4.78	0.538	mg/kg dry		3.90				20.3	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11371 - EPA 3050B											
Matrix Spike (BF11371-MS1) Matrix Spike	*Source sample: 21F1222-05 (Matrix Spike)									Prepared: 06/24/2021 Analyzed: 06/25/2021	
Lead	62.7	0.538	mg/kg dry	53.8	3.90	109	75-125				
Post Spike (BF11371-PS1) Post Spike	*Source sample: 21F1222-05 (Post Spike)									Prepared: 06/24/2021 Analyzed: 06/25/2021	
Lead	0.600		ug/mL	0.500	0.0362	113	75-125				
Reference (BF11371-SRM1) Reference										Prepared: 06/24/2021 Analyzed: 06/25/2021	
Lead	71.2	0.500	mg/kg wet	77.6		91.8	70-130				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF11183 - % Solids Prep												
Duplicate (BF11183-DUP1)	Duplicate	*Source sample: 21F1075-28 (SB08R_S1_13-15)								Prepared: 06/22/2021 Analyzed: 06/23/2021		
% Solids		86.3	0.100	%		85.4				1.08	20	
Batch BF11370 - % Solids Prep												
Duplicate (BF11370-DUP1)	Duplicate	*Source sample: 21F1150-01 (Duplicate)								Prepared: 06/24/2021 Analyzed: 06/25/2021		
% Solids		72.8	0.100	%		72.6				0.247	20	

Sample and Data Qualifiers Relating to This Work Order

M-ICV2 The recovery for this element in the ICV was outside the 90-110% recovery criteria.

M-DUPS The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity

M-CRL The RL check for this element recovered outside of control limits.

Definitions and Other Explanations

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F1075

Page 1 of 3

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST 8TH FL. NEW YORK, NY 10001	Address:	Address:	**YOUR Project Name**: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: Kim Semon	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	**YOUR PO#:**	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU
Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ¦ Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB08R_W1_11-12	S	6/22/21 9:55	LEAD & BARIUM [HOLD]	
SB08R_W1_12-13	S	9:57	LEAD & BARIUM [HOLD]	
SB08R_W1_13-15	S	9:59	LEAD & BARIUM	
SB08R_W1_15-16	S	10:01	LEAD & BARIUM [HOLD]	
SB08R_W1_16-17	S	10:03	LEAD & BARIUM [HOLD]	
SB08R_W2_11-12	S	9:15	LEAD & BARIUM [HOLD]	
SB08R_W2_12-13	S	9:17	LEAD & BARIUM [HOLD]	
SB08R_W2_13-15	S	9:19	LEAD & BARIUM [HOLD]	
SB08R_W2_15-16	S	9:21	LEAD & BARIUM [HOLD]	
SB08R_W2_16-17	S	9:23	LEAD & BARIUM [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN	6/22/21 1630	AUSTIN ARANEO	6/22/21 4:31	A ARANEO	6/22/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOM V	6/22/21 820	TOM V	6/22/21 1946		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KBLOCKSOM 6/22/21 1946	1.1 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F1075

YOUR Information	Report To:	Invoice To:
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:
Phone.: 631-388-2036	Phone.:	Phone.:
Contact: Kim Seman	Contact:	Contact:
E-mail: KSeman@Langan.com	E-mail:	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 BAY STREET

YOUR PO#:

Turn-Around Time

RUSH - Next Day	✓
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB08R_N2_11-12	S	6/22/21 11:55	LEAD & BARIUM [HOLD]	
SB08R_N2_12-13	S	11:57	LEAD & BARIUM [HOLD]	
SB08R_N2_13-15	S	12:00	LEAD & BARIUM [HOLD]	
SB08R_N2_15-16	S	12:02	LEAD & BARIUM [HOLD]	
SB08R_N2_16-17	S	12:04	LEAD & BARIUM [HOLD]	
SB08R_E1_11-12	S	11:30	LEAD & BARIUM [HOLD]	
SB08R_E1_12-13	S	11:32	LEAD & BARIUM [HOLD]	
SB08R_E1_13-15	S	11:34	LEAD & BARIUM	
SB08R_E1_15-16	S	11:36	LEAD & BARIUM [HOLD]	
SB08R_E1_16-17	S	11:38	LEAD & BARIUM [HOLD]	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU / LANGAN	6/22/21 1630	Austen Aranco	6/22/21 4:30	A Aranco	6/22/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Tom	6/22/21 1820	Tom	6/22/21 1946		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KBlock 6/22/21 1946	1.1 Degrees C

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F1075

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME	170610601	RUSH - Next Day ✓
Address: 360 W 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: 475 BAY STREET	RUSH - Two Day
Phone.: 631-388-2036	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SEMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MICHAEL AU

Samples Collected by: (print your name above and sign below)

Michael Au

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MS/MSD_SB04_062221	S	6/22/21 9:15	LEAD & BARIUM [HOLD] PARENT: SB08R_W2_11-12	
MS/MSD_SB05_062221	S	11:38	LEAD & BARIUM [HOLD] PARENT: SB08R_E1_16-17	
SOFB04_062221	FB	10:15	LEAD & BARIUM [HOLD]	
SOFB05_062221	FB	10:17	LEAD & BARIUM [HOLD]	
SB08R_N1_11-12	S	12:30	LEAD & BARIUM [HOLD]	
SB08R_N1_12-13	S	12:32	LEAD & BARIUM [HOLD]	
SB08R_N1_13-15	S	12:34	LEAD & BARIUM	
SB08R_S1_11-12	S	10:45	LEAD & BARIUM [HOLD]	
SB08R_S1_12-13	S	10:47	LEAD & BARIUM [HOLD]	
SB08R_S1_13-15	S	10:49	LEAD & BARIUM	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU / LANGAN	6/22/21 1636	AUSTEN ARANES	6/22/21 4:30	AUSTEN ARANES	6/22/21
TONY	6/22/21 1820	TONY	6/22/21 1946		
				Samples Received in LAB by: KBlackman	Date/Time: 6/22/21 1946

Temp. Received at Lab: 1.1 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/18/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0730

Report Date: 06/18/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0730

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 14, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0730-01	SB16R_7-8	Soil	06/14/2021	06/14/2021
21F0730-02	SB16R_18-20	Soil	06/14/2021	06/14/2021
21F0730-03	SB15R_6-7	Soil	06/14/2021	06/14/2021
21F0730-04	SB15R_18-20	Soil	06/14/2021	06/14/2021
21F0730-05	SB01R_8-9	Soil	06/14/2021	06/14/2021
21F0730-06	SB01R_18-20	Soil	06/14/2021	06/14/2021

General Notes for York Project (SDG) No.: 21F0730

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/18/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB16R_7-8 **York Sample ID:** 21F0730-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0730	170610601	Soil	June 14, 2021 9:30 am	06/14/2021

Chromium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**56.9**		mg/kg dry	0.646	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:09	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**317**		mg/kg dry	1.29	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:09	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.5**		%	0.100	1	SM 2540G	06/17/2021 07:53	06/17/2021 14:14	AD
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB16R_18-20 **York Sample ID:** 21F0730-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0730	170610601	Soil	June 14, 2021 9:34 am	06/14/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**29.5**		mg/kg dry	0.579	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:12	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**156**		mg/kg dry	1.16	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:12	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.4**		%	0.100	1	SM 2540G	06/17/2021 07:53	06/17/2021 14:14	AD
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB15R_6-7 **York Sample ID:** 21F0730-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0730	170610601	Soil	June 14, 2021 10:53 am	06/14/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**318**		mg/kg dry	1.30	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:15	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.2**		%	0.100	1	SM 2540G	06/17/2021 07:53	06/17/2021 14:14	AD
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB15R_18-20 **York Sample ID:** 21F0730-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0730	170610601	Soil	June 14, 2021 10:58 am	06/14/2021

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**294**		mg/kg dry	1.32	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:18	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.0**		%	0.100	1	SM 2540G	06/17/2021 07:53	06/17/2021 14:14	AD
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB01R_8-9 **York Sample ID:** 21F0730-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0730	170610601	Soil	June 14, 2021 12:25 pm	06/14/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**49.4**		mg/kg dry	0.652	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:20	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**249**		mg/kg dry	1.30	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:20	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.7**		%	0.100	1	SM 2540G	06/17/2021 07:55	06/17/2021 14:51	AD
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB01R_18-20 **York Sample ID:** 21F0730-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0730	170610601	Soil	June 14, 2021 12:28 pm	06/14/2021

Chromium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**60.6**		mg/kg dry	0.609	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**476**		mg/kg dry	1.22	1	EPA 6010D	06/15/2021 20:43	06/16/2021 19:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.1**		%	0.100	1	SM 2540G	06/17/2021 07:55	06/17/2021 14:51	AD
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BF10786 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0730-01	SB16R_7-8	06/15/21
21F0730-02	SB16R_18-20	06/15/21
21F0730-03	SB15R_6-7	06/15/21
21F0730-04	SB15R_18-20	06/15/21
21F0730-05	SB01R_8-9	06/15/21
21F0730-06	SB01R_18-20	06/15/21
BF10786-BLK1	Blank	06/15/21
BF10786-DUP1	Duplicate	06/15/21
BF10786-MS1	Matrix Spike	06/15/21
BF10786-PS1	Post Spike	06/15/21
BF10786-SRM1	Reference	06/15/21

Batch ID: BF10845 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0730-01	SB16R_7-8	06/17/21
21F0730-02	SB16R_18-20	06/17/21
21F0730-03	SB15R_6-7	06/17/21
21F0730-04	SB15R_18-20	06/17/21
BF10845-DUP1	Duplicate	06/17/21

Batch ID: BF10846 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0730-05	SB01R_8-9	06/17/21
21F0730-06	SB01R_18-20	06/17/21
BF10846-DUP1	Duplicate	06/17/21

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10786 - EPA 3050B											
Blank (BF10786-BLK1) Blank								Prepared: 06/15/2021 Analyzed: 06/16/2021			
Chromium	ND	0.500	mg/kg wet								
Nickel	ND	1.00	"								
Duplicate (BF10786-DUP1) Duplicate	*Source sample: 21F0723-09 (Duplicate)							Prepared: 06/15/2021 Analyzed: 06/16/2021			
Chromium	23.0	0.559	mg/kg dry		18.9				19.5	35	
Nickel	15.2	1.12	"		11.7				25.8	35	
Matrix Spike (BF10786-MS1) Matrix Spike	*Source sample: 21F0723-09 (Matrix Spike)							Prepared: 06/15/2021 Analyzed: 06/16/2021			
Chromium	43.5	0.559	mg/kg dry	22.4	18.9	110	75-125				
Nickel	68.4	1.12	"	55.9	11.7	102	75-125				
Post Spike (BF10786-PS1) Post Spike	*Source sample: 21F0723-09 (Post Spike)							Prepared: 06/15/2021 Analyzed: 06/16/2021			
Chromium	0.373		ug/mL	0.200	0.169	102	75-125				
Nickel	0.658		mg/L	0.500	0.105	111	75-125				
Reference (BF10786-SRM1) Reference								Prepared: 06/15/2021 Analyzed: 06/16/2021			
Chromium	103	0.500	mg/kg wet	117		88.0	70.1-129.9				
Nickel	81.6	1.00	"	79.9		102	70.1-130.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10845 - % Solids Prep											
Duplicate (BF10845-DUP1) Duplicate	*Source sample: 21F0730-04 (SB15R_18-20)							Prepared & Analyzed: 06/17/2021			
% Solids	78.6	0.100	%		76.0				3.35	20	
Batch BF10846 - % Solids Prep											
Duplicate (BF10846-DUP1) Duplicate	*Source sample: 21F0769-05 (Duplicate)							Prepared & Analyzed: 06/17/2021			
% Solids	95.5	0.100	%		95.1				0.331	20	

Sample and Data Qualifiers Relating to This Work Order

M-SPKM The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

21F0730

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F0675

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME
Address: 360 WEST 31ST ST, 8TH FL NEW YORK, NY 10001	Address:	Address:
Phone: 631-338-2036	Phone:	Phone:
Contact: KIMBERLY SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 BAY STREET

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
MICHAEL AU

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB16R_7-8	S	6/14/21 9:30	CHROMIUM, NICKEL	4 OZ JAR
SB16R_18-20	S	9:34	CHROMIUM, NICKEL	
SB15R_6-7	S	10:53	NICKEL	
SB15R_18-20	S	10:58	NICKEL	
SB01R_8-9	S	12:25	CHROMIUM, NICKEL	
SB01R_18-20	S	12:28	CHROMIUM, NICKEL	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU / LANGAN	6/14/21 3:40	Austen Aranes	6/14/21 3:40	Austen Aranes	6/14/21 1941
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBlocker	6/14/21 1941 / 5.0 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Report Date: 06/18/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0731

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/18/2021
Client Project ID: 170610601
York Project (SDG) No.: 21F0731

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Semon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 15, 2021 and listed below. The project was identified as your project: **170610601**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0731-01	SB103R_7-8	Soil	06/15/2021	06/15/2021
21F0731-04	SB02R_7-8	Soil	06/15/2021	06/15/2021

General Notes for York Project (SDG) No.: 21F0731

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/18/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB103R_7-8 **York Sample ID:** 21F0731-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0731	170610601	Soil	June 15, 2021 11:40 am	06/15/2021

Cadmium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010D	06/16/2021 18:58	06/17/2021 20:58	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**15.4**		mg/kg dry	0.552	1	EPA 6010D	06/16/2021 18:58	06/17/2021 20:58	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.73**		mg/kg dry	0.552	1	EPA 6010D	06/16/2021 18:58	06/17/2021 20:58	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**62.7**		mg/kg dry	1.10	1	EPA 6010D	06/16/2021 18:58	06/17/2021 20:58	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**23.2**		mg/kg dry	2.76	1	EPA 6010D	06/16/2021 18:58	06/17/2021 20:58	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	1	EPA 7473	06/17/2021 15:13	06/17/2021 18:29	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **SB103R_7-8** **York Sample ID:** **21F0731-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0731	170610601	Soil	June 15, 2021 11:40 am	06/15/2021

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB02R_7-8 **York Sample ID:** 21F0731-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0731	170610601	Soil	June 15, 2021 12:58 pm	06/15/2021

Pesticides, 8081 Alpha BHC

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	06/16/2021 13:40	06/17/2021 17:57	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-150*

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**24.0**		mg/kg dry	2.19	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:01	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**6.53**		mg/kg dry	0.548	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:01	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**53.5**		mg/kg dry	1.10	1	EPA 6010D	06/16/2021 18:58	06/17/2021 21:01	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	06/17/2021 15:13	06/17/2021 18:38	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	06/17/2021 11:45	06/18/2021 15:21	TAJ
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BF10822 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
21F0731-04	SB02R_7-8	06/16/21
BF10822-BLK1	Blank	06/16/21
BF10822-BS1	LCS	06/16/21
BF10822-MS1	Matrix Spike	06/16/21
BF10822-MSD1	Matrix Spike Dup	06/16/21

Batch ID: BF10833 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0731-01	SB103R_7-8	06/16/21
21F0731-04	SB02R_7-8	06/16/21
BF10833-BLK1	Blank	06/16/21
BF10833-DUP1	Duplicate	06/16/21
BF10833-MS1	Matrix Spike	06/16/21
BF10833-PS1	Post Spike	06/16/21
BF10833-SRM1	Reference	06/16/21

Batch ID: BF10878 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21F0731-01	SB103R_7-8	06/17/21
21F0731-04	SB02R_7-8	06/17/21
BF10878-DUP1	Duplicate	06/17/21

Batch ID: BF10908 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0731-01	SB103R_7-8	06/17/21
21F0731-04	SB02R_7-8	06/17/21
BF10908-BLK1	Blank	06/17/21
BF10908-DUP1	Duplicate	06/17/21
BF10908-MS1	Matrix Spike	06/17/21
BF10908-SRM1	Reference	06/17/21

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10822 - EPA 3550C											
Blank (BF10822-BLK1) Blank											
Prepared: 06/16/2021 Analyzed: 06/17/2021											
alpha-BHC	ND	0.00164	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0512*		"	*0.0664*		*77.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0510*		"	*0.0664*		*76.7*	*30-150*				
LCS (BF10822-BS1) LCS											
Prepared: 06/16/2021 Analyzed: 06/17/2021											
alpha-BHC	0.0355	0.00164	mg/kg wet	0.0332		107	40-140				
Surrogate: Decachlorobiphenyl	*0.0721*		"	*0.0664*		*109*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0696*		"	*0.0664*		*105*	*30-150*				
Matrix Spike (BF10822-MS1) Matrix Spike *Source sample: 21F0694-01 (Matrix Spike)											
Prepared: 06/16/2021 Analyzed: 06/17/2021											
alpha-BHC	0.0291	0.00168	mg/kg dry	0.0339	ND	85.8	30-150				
Surrogate: Decachlorobiphenyl	*0.0663*		"	*0.0677*		*97.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0618*		"	*0.0677*		*91.2*	*30-150*				
Matrix Spike Dup (BF10822-M Matrix Spike Dup *Source sample: 21F0694-01 (Matrix Spike Dup)											
Prepared: 06/16/2021 Analyzed: 06/17/2021											
alpha-BHC	0.0304	0.00168	mg/kg dry	0.0339	ND	89.7	30-150		4.39	30	
Surrogate: Decachlorobiphenyl	*0.0661*		"	*0.0677*		*97.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0620*		"	*0.0677*		*91.6*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10833 - EPA 3050B											
Blank (BF10833-BLK1) Blank									Prepared: 06/16/2021 Analyzed: 06/17/2021		
Cadmium	ND	0.300	mg/kg wet								
Chromium	ND	0.500	"								
Copper	ND	2.00	"								
Lead	ND	0.500	"								
Nickel	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BF10833-DUP1) Duplicate	*Source sample: 21F0732-01 (Duplicate)								Prepared: 06/16/2021 Analyzed: 06/17/2021		
Cadmium	ND	0.339	mg/kg dry		ND					35	
Chromium	19.0	0.565	"		18.8				1.30	35	
Copper	28.5	2.26	"		26.5				6.99	35	
Lead	5.06	0.565	"		4.96				2.11	35	
Nickel	74.8	1.13	"		77.1				2.97	35	
Zinc	20.8	2.82	"		19.3				7.77	35	
Matrix Spike (BF10833-MS1) Matrix Spike	*Source sample: 21F0732-01 (Matrix Spike)								Prepared: 06/16/2021 Analyzed: 06/17/2021		
Cadmium	5.11	0.339	mg/kg dry	5.65	ND	90.4	75-125				
Chromium	44.3	0.565	"	22.6	18.8	113	75-125				
Copper	53.0	2.26	"	28.2	26.5	93.6	75-125				
Lead	57.7	0.565	"	56.5	4.96	93.4	75-125				
Nickel	143	1.13	"	56.5	77.1	116	75-125				
Zinc	69.7	2.82	"	56.5	19.3	89.3	75-125				
Post Spike (BF10833-PS1) Post Spike	*Source sample: 21F0732-01 (Post Spike)								Prepared: 06/16/2021 Analyzed: 06/17/2021		
Cadmium	0.0522		ug/mL	0.0500	0.000359	104	75-125				
Chromium	0.370		"	0.200	0.166	102	75-125				
Copper	0.503		mg/L	0.250	0.235	107	75-125				
Lead	0.576		ug/mL	0.500	0.0439	106	75-125				
Nickel	1.24		mg/L	0.500	0.682	111	75-125				
Zinc	0.669		"	0.500	0.171	99.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10833 - EPA 3050B											
Reference (BF10833-SRM1) Reference											Prepared: 06/16/2021 Analyzed: 06/17/2021
Cadmium	132	0.300	mg/kg wet	135		98.0	74.8-125.2				
Chromium	108	0.500	"	117		92.4	70.1-129.9				
Copper	136	2.00	"	143		95.1	75.3-125.3				
Lead	66.1	0.500	"	77.6		85.2	70-130				
Nickel	87.3	1.00	"	79.9		109	70.1-130.1				
Zinc	285	2.50	"	312		91.5	69.9-130.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10908 - EPA 7473 soil											
Blank (BF10908-BLK1) Blank								Prepared & Analyzed: 06/17/2021			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF10908-DUP1) Duplicate	*Source sample: 21F0698-01 (Duplicate)							Prepared & Analyzed: 06/17/2021			
Mercury	0.200	0.0316	mg/kg dry		0.184				8.47	35	
Matrix Spike (BF10908-MS1) Matrix Spike	*Source sample: 21F0698-01 (Matrix Spike)							Prepared & Analyzed: 06/17/2021			
Mercury	0.613		mg/kg	0.500	0.174	87.7	75-125				
Reference (BF10908-SRM1) Reference								Prepared & Analyzed: 06/17/2021			
Mercury	24.213		mg/kg	27.2		89.0	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10878 - % Solids Prep											
Duplicate (BF10878-DUP1) Duplicate	*Source sample: 21F0732-01 (Duplicate)								Prepared: 06/17/2021 Analyzed: 06/18/2021		
% Solids	91.2	0.100	%		88.5				2.98	20	

Sample and Data Qualifiers Relating to This Work Order

M-CRL The RL check for this element recovered outside of control limits.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21F0731

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YOUR Information	Report To:	Invoice To:
Company: LANGAN ENGINEERING	Company: SAME	Company: SAME
Address: 360 WEST 31ST ST, 8TH FL. NEW YORK, NY 10001	Address:	Address:
Phone.: 631-388-2036	Phone.:	Phone.:
Contact: KIMBERLY SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170610601

YOUR Project Name: 475 BAY STREET

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
MICHAEL AU

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ; Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB103R-7-8	S	6/15/21 11:40	CADMIUM, CHROMIUM, LEAD, MERCURY, NICKEL, ZINC	
SB103R-8-9 (HOLD)	S	11:42	CADMIUM, CHROMIUM, LEAD, MERCURY, NICKEL, ZINC	(HOLD)
SB103R-9-10 (HOLD)	S	11:45	CADMIUM, CHROMIUM, LEAD, MERCURY, NICKEL, ZINC	(HOLD)
SB02R-7-8	S	12:58	SELECT PEST.-ALPHA BHC ONLY, COPPER, LEAD, MERCURY, NICKEL	
SB02R-8-9 (HOLD)	S	13:00	SELECT PEST.-ALPHA BHC ONLY, COPPER, LEAD, MERCURY, NICKEL	(HOLD)
SB02R-9-10 (HOLD)	S	13:02	SELECT PEST.-ALPHA BHC ONLY, COPPER, LEAD MERCURY, NICKEL	(HOLD)

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MICHAEL AU/LANGAN $50	6/15/21	Austen Aranes	6/15/21 3:45	Austen Aranes	6/15/21
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TOM V	6/15/21 1730	TOM V	6/15/21 2001		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KB 6/15/21 2001	3.6 Degrees C